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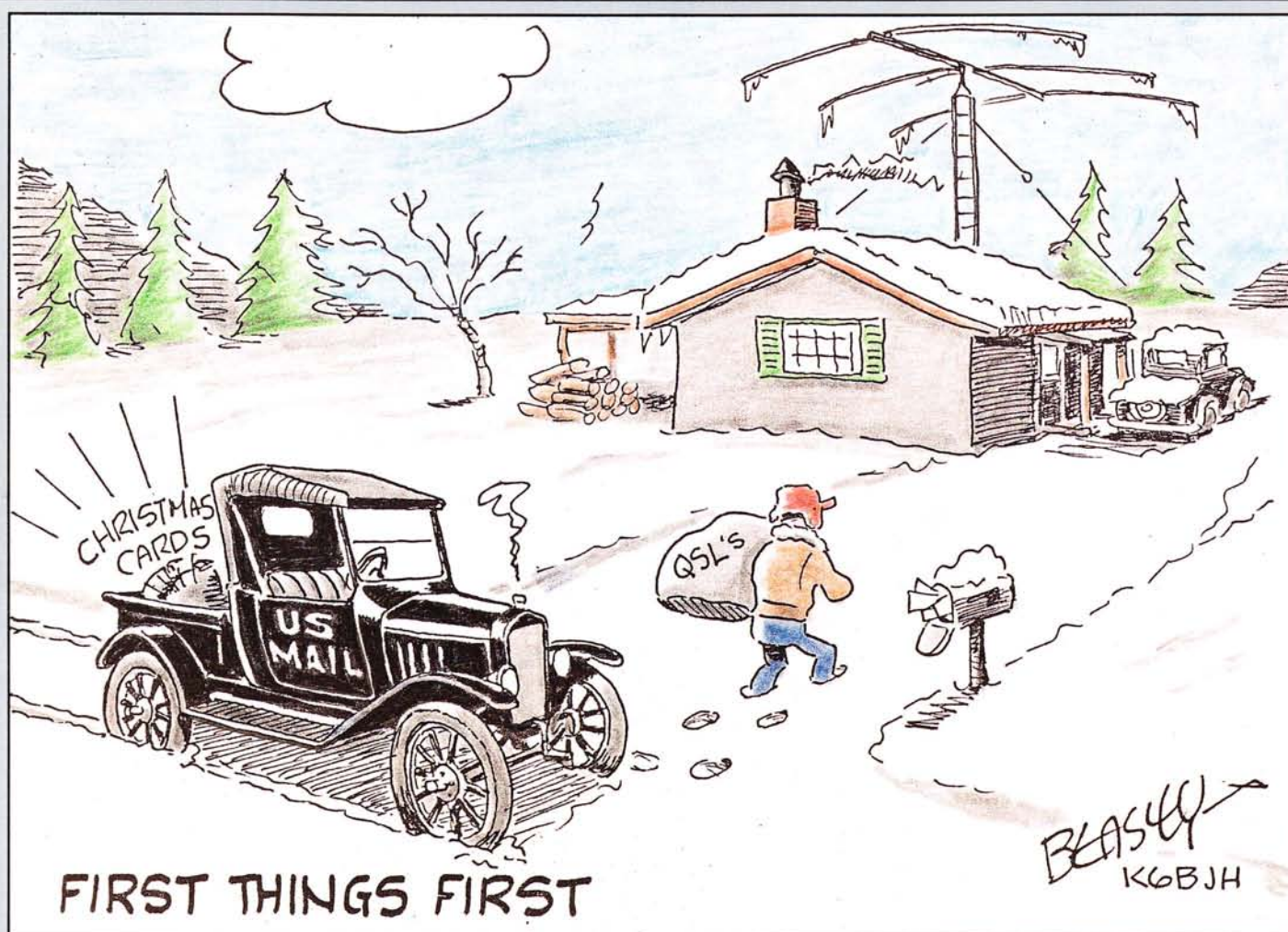
# QCWA JOURNAL

PUBLISHED QUARTERLY

VOLUME XIV

Winter - 1996

NUMBER 4



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Winter - 1996

QCWA JOURNAL

Volume XLV, Number 4

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### From the editor:

The thing that makes me most proud of my association with QCWA is its Memorial Scholarship Program. I can't think of a thing more commendable for an organization to do than provide scholarships. How could we benefit society in a better way?

A year ago I reported here that the fund stood at something just over \$134,000. According to General Manager Jim Walsh the fund now stands at \$169,140. That's a healthy increase in a year! And where last year QCWA provided 13 scholarships, this year it is providing 14 and as Chairman of the Scholarship fund, Leland Smith announces, on page 3 of this issue, in 1997 it will provide 15 scholarships. I wonder how many it will be providing in ten years and I wonder how many young people are going to get to go on with their educations as a result of the QCWA Scholarship program?

At this time of the year when we're all giving to various charities I invite you to consider a gift to the QCWA Memorial Scholarship Fund. It is a gift that will keep on giving - conceivably forever. Remember that just the income from the fund is used for scholarships; the principle just keeps growing. It's almost too good to be true.

From our house to yours - A Merry Christmas and a Happy New Year. N6CSW

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SSB - Sunday at 2000Z on 14347

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Cover: Robert Beasley, K6BJH, cartoonist/artist takes us back to yesteryear.



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### Past Presidents

John DiBlasi, W2FX (SK)	1947 - 1964
Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA	1972 - 1973
Frank A. Gunther, W2ALS	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP	1994 - 1996

### Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

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The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare. QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986. Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership. In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed. Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.

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# President's Message

John Kelleher, W4ZC

First and foremost, congratulations from me and from the entire Board go to the members and spouses of National Capital Chapter 70 for a most hospitable and successful Convention in Ottawa. Chairman George Roach, VE3BNO and Vice Chairman Croft Taylor, VE3CT and their colleagues put on an outstanding technical and social program, the culmination of which was a scenic trip to Wakefield Quebec via a steam train.

I don't pretend to know how it comes about, but each convention seems to outdo the previous one. Maybe it's because our longtime convention coordinator, Wes Randles, W4COW sees to it that lessons learned from previous conventions are passed on to future hosts.

The Board meeting was unique in that there were seven new members -- six Directors and a new Treasurer. Nevertheless, things started out in high gear and never downshifted. You can read all about it in the Minutes in this issue, but a few highlights deserve special mention.

Membership Directory. The most recent issue, circa 1993, is getting stale. We intend to publish a new issue in 1997, which will be distributed on request. The Directory will be supplied without charge to those who request a copy prior to 1 May, 1997. After that date a copy will cost \$7.00 including postage. The Directory will be in loose-leaf form without a binder, which will save postage AND will facilitate incorporating annual changes! Yes, approximately one third of the directory will be updated each year. In the future there may be a possibility of publishing such information on the Internet, but at this time there is not enough security present to do this listing. Furthermore, it is QCWA policy not to release membership lists except to those who have "need to know".

Another development of interest to the membership is a Recruiting contest to run throughout 1997, with both individual and Chapter awards. Each year thousands of amateurs become eligible for membership, yet QCWA's membership seems stuck at about 10,000. We think that our gains should exceed our losses, and we will try and find ways to make this happen. More details will appear in the Journal.

We intend to increase QCWA's participation in regulatory affairs affecting the future of amateur radio. Our bands are being threatened; the international requirement for Morse proficiency below 30 MHz may be deleted; and there are rumblings about reducing the requirements for obtaining an amateur license. In conducting such activities we must be constantly aware of the distinction between rules and regulations, and legislation (e.g., the Telecommunications Act) -- according to our Constitution we cannot engage in any substantial way, directly or indirectly, in carrying out propaganda or otherwise attempting to influence legislation.

QCWA's Scholarship program (which is a mainstay of our tax-exempt status with the IRS) continues to grow. Cumulative contributions exceeded \$150,000 at midyear. The investment income from the fund exceeded \$12,000 for the previous 12 months, so QCWA will award 15 scholarships in 1997. An announcement on eligibility and on how to apply for one of these scholarships appears elsewhere on this page.

Our Awards program is "under-recognized and under-utilized". I urge individual members and Chapters to review the Awards and their eligibility criteria, and propose candidates for awards. Address these to John Troster, W6ISQ, chairman

of our Publicity and Awards Committee.

1997 is the 50th Anniversary of QCWA's founding, and the annual QCWA QSO parties in 1997 will be different, to celebrate the event and to help bring QCWA attention to eligible hams worldwide. Please read the rules for the parties, on page 48 and participate. We hope to have effective publicity in other amateur journals, consistent with the worldwide nature of the event.

Last but not least, the Board needs your input. We like to hear that we are doing things right; but if we're not, we need to hear that, too. We are communicators by choice, so communicate. W4ZC



## QCWA SCHOLARSHIPS FOR 1997 ANNOUNCED

The QCWA Board of Directors at the recent meeting in Ottawa approved the largest number of annual cash grants totalling the most money in the history of the scholarship program. Only the annual earnings on the invested Memorial Scholarship Fund are used to finance scholarships.

Fifteen cash scholarships ranging from \$600 to \$1100 are being offered in 1997 to Radio Amateurs who qualify. The scholarships are available to licensed Amateur Radio operators who are enrolled in, or have been accepted for enrollment in, an accredited university or college, for a full-time schedule in pursuit of at least an Associate Degree. There is no residence area preference and no restriction on the courses of study or license class. Applicants must be recommended by a QCWA member. As a general policy, QCWA scholarships are not awarded to more than one member of the same family in the same year or to a previous QCWA scholarship winner.

QCWA Chapter and At Large members are urged to publicize our scholarship program within the Amateur Radio community. Interested Amateurs should request more information and application forms as soon as possible from:

**Foundation for Amateur Radio**  
6903 Rhode Island Avenue  
College Park, MD 20740

Successful applicants will be mailed a check and an Award certificate prior to the beginning of the 1997-1998 academic year.

**Leland Smith, W5KL**  
Chairman, QCWA Memorial  
Scholarship Fund Committee

# General Manager's Report

Jim Walsh, W7LVN

What a busy last few weeks, but the best of all happened .. the Ottawa Convention and Board meeting. They are to be congratulated for their organization and hospitality. For all of you that did not go .. you really missed a good event.

Elsewhere in the Journal is a notice about the proposed Directory to be published about the middle of 1997. Read it carefully and then respond if you are interested. In the years following we plan on updating it by about 1/3 each year, every year. This will keep you more current with the information about our members.

Also, in this Journal are several events for our Golden Anniversary year. We are going to have a year-long operation by our members to obtain new members. Certificates will be issued to the recruiting members as well as to their home Chapter, if they have one. This should develop into a good program for all to follow next year.

Another event is the planned Golden Anniversary QSO party. This time, for the first time, nonmembers will be invited to participate and get acquainted. CW and Phone will be lumped together in each of two events. We have created a log sheet as well as a check sheet for your use. All of this material will be placed on the Home page as well as in this Journal, and I intend to include it in the next Hot Line Report which should go out prior to December 1st.

My e-mail address has changed to "jwalsh@teleport.com", as reported in the last Journal. I am now in the process of working with our Webmaster, K7DBV, Gene Williamson and we hope to have the Home page moved to Teleport at least by the middle of December. The address will be "http://www.teleport.com/~qcwa" and we will leave a forwarding message on the present address so that you can get to the new site with minimal effort. There have been too many service interruptions on the present site and I know we have lost some material because of breakdowns. Currently we are still maintaining our contact records and I see about 10 to 20 messages a day and often there is an electronic application in the file. A large number of Secretaries are using this mode to obtain and send material about their Chapters and/or members. It is quick, cheap and easy to handle. If you haven't tried it, give it a chance and try it.

Almost all of our Board have an e-mail address or FAX capabilities. We can now get information to and from with the least effort and cost. It is almost like magic when you see it operate.

Note that W2MM counts for some multipliers in the QSO party/s. We will operate W2MM on this schedule:

2100 to 2300 - 20 meters  
2300 to 0100 - 40 meters  
0100 to 0300 - 80 meters

Don't forget, if you want a copy of the Log Sheet or Check Sheet, or the Rules, download them from the Home page, or photocopy the pages out of your Journal. See you on the two parties. It should be fun and hopefully the bands just might be a little better.

Our Activities Manager has been trying to round up some more help with the Sunday Net at 2000 Z, Are you interested? Let's stick in there and maintain the net, even if it is difficult. If you would like to volunteer, get word to Headquarters or to Jay Strom, K9BSL. We need your help. And, PLEASE, keep try-

ing to make contact with the net every Sunday at 2000Z. We must maintain our presence at that place on the band.

In the last issue of the Journal we failed to include the actual results of the recent election. For that I am sorry, but there is an old adage "too many cooks...", anyway here is the result, ordered by votes from the greatest to the lowest. This year the tellers were the Southeast Wisconsin Chapter # 162 championed by Bob Jensen, WØWLN. The Chapter has done this work before and again turned in perfect results. I should also mention that we have another contributor and that is Herb Lacey, N4UE, who wrote the program that the tellers use and this program then produces a final printout of the results. W7LVN



CALL	NAME	VOTES
W4ZC	John Kelleher	3268
WAØRWS	Gary Harrison	3255
W4HU	John Swafford	3234
W6ISQ	Jack Troster	3145
K8LBZ	John Edel	3077
W3WPY	Walt Brink	3023
KØORB	Bill McGrannahan	3015
VE3CT	Croft Taylor	2994
K4KYO	Tony Stalls	2970
W3JPT	Charles Dorian	2852
W7JWJ	Harry Lewis	2845
W2OD	Robert Buus	2742
W7CHI	Robert Korfhage	2647
W1VPF	Gladys Chase	2551
W2YTO	Duke Knief	1642
K9BSL	Jay Strom	1625



**The Tellers Committee from Chapter 162. Left to right, standing: Al Algiers, W9HR; Bill Komistra, W9OVZ; Ed Konicek, W9NVK; Chuck Knotek, W9GKM. Seated: Steve Bellgraph, K9ZL; Ken Knoff, N9NBC; Pres. Bob Jensen, WØWLN; Sec.Tres. Spencer Cope, W9LDH. Not shown: Bruce Zabler, K9RRS; Jim McChesney, WAØPFV; Bob Burgermeister, WB9IJY; Larry McCalvy, WA9JMO.**



## QCWA Board Minutes, Ottawa, Canada October 3 - 4, 1996

The meeting was called to order by President Jack Kelleher, W4ZC. A roll call indicated all board members present except Director Harry Lewis, W7JWJ, who arrived late and explained that he was delayed by airline problems due to weather. Also present were: President Emeritus Leland Smith, W5KL; President Emeritus Lew McCoy, W1ICP; Historian Wes Randles, W4COW; Operations Manager Jay Strom, K9BSL; General Manager Jim Walsh, W7LVN.

The Board observed a moment of silence for all QCWA Silent Keys.

The seven new Board members introduced themselves.

Moved and seconded that minutes of the San Antonio Board meeting be accepted as is.

In a Committee of the Whole it was moved, seconded and approved that outgoing Pres. Lew McCoy be named Pres. Emeritus.

### Officer Reports

President Kelleher indicated that this is a critical period of change, with WRC-97 and WRC-99 proposals affecting amateur radio, and that comments on such matters by members of the Board must be worded carefully to avoid any implication that they reflect Board policy.

Action on Committee structure will be handled by correspondence.

For the benefit of the new members, Kelleher noted that QCWA annual income is approximately \$125K - \$150K; that total investments are approximately \$500K with some \$400K as revenue investments from donations to the scholarship fund, the building fund and advance dues and life dues.

Outgoing Treasurer Wes Randles submitted a financial report covering the first six months of 1996.

New Treasurer Duke Knief described changes in banking and investment procedures, and presented a proposed budget for 1997, including funding, for a new Directory in 1997, the cost of Directors' and officers' liability insurance. This item is strongly recommended.

General Manager Walsh announced that a new First State QCWA Chapter, #197 has been chartered effective September 27, 1996. The GM's report also dealt with mailing procedures and costs, Home Page and Internet activities, intra-Board Communications, the cost of Address Correction Requests, and the upcoming new issue of a membership directory.

The GM proposed to register the name QCWA so we can have our Hq. address for the Internet. Moved, seconded and passed to register a domain name of QCWA.

The return address request is costing QCWA approximately \$60 per mailing of the Journal. Most of these PO returns carry the notice of "Temporarily Away" which means they have not taken the time to fill out a change of address form. There seems to be no simple solution to this problem except to remind our members to give us appropriate change of address notices.

### Membership Directory

It was decided to: publish a loose-leaf directory, to allow for periodic updates, and provide the directory free of charge on request until 1 May 1997, after which the cost will be \$7.00. Updates of approximately one third of the directory will be provided yearly.

President Kelleher discussed two major issues facing the Radio Amateur community. One is the potential "raid" on ama-

teur bands typified by the revelation that commercial interests are considering the amateur 2-meter and 70 centimeter bands for possible use by mobile satellite systems of the "Little LEO" variety. The other is the impending review and possible revision of the ITU Radio Regulation (S25) pertaining to the Amateur and Amateur-Satellite Service, especially the potential deletion of the requirement in S25.5, for demonstrated proficiency in Morse code for operation of an Amateur Radio station,

On the first issue we amateurs can protest alteration of the status of our bands but in the end, the marketplace will probably decide the issue.

The review of S25 is another matter. In view of happenings during the past six months or so. At this time it is necessary to consider whether QCWA should attempt to reach a unified U.S. amateur position with ARRL concerning deletion of the Morse code requirement from the International Radio Regulations.

Pres. Kelleher recommended that QCWA propose to ARRL President Stafford that a meeting be arranged between appropriate QCWA and ARRL representatives, at which time the whole matter of a U.S. amateur approach to S25 can be discussed, and he presented a proposed letter. Discussion resulted in agreement that the proposed letter to the President of ARRL be sent; and that also prepare and send to FCC and Department of State a QCWA position paper stating its opposition to deletion of S25.5; and request participation by QCWA representatives in U.S. preparations for WRC-99.

### Committee Reports

Jack Troster, W6ISQ, chairman of the Publicity and Awards Committee, noted that QCWA continues to advertise in QST, Worldradio, Electric Radio and Florida Skip. GM Walsh indicated that we probably get the most response from Worldradio.

#### Awards given at Ottawa were:

Hall of Fame to Lew McCoy, W1ICP and Fred Hammond, VE3MC; Roll of Honor to Wes Randles, W4COW and Jack Williamson, W3GC; Distinguished Service Award, Richard O'Brian, NJ2J; QCWA Member of the Year, Blanche Randles, W4GXZ; Presidential Award, Doug DeMaw, W1FB

Plans and programs Committee Chairman Walt Brink summarized discussion at previous meetings of a new edition of the Membership Directory (which have been resolved as indicated in the General Manager's Report, above).

Brink moved that the Building Fund be redesignated the Headquarters Contingency Fund, and that the existing set-aside of \$ 2,000 for HQ Contingency would be added to the money now in the building fund for a total of about \$33,500. Future contributions to the Building Fund will be accepted but not solicited.

### Board Meetings

The Committee proposed several motions to reduce the frequency and duration of Board meetings, and possibly to eliminate the spring Board meeting. These proposals were not approved, for various reasons, one being that the spring meeting afforded new Board members an opportunity to visit HQ and discuss management matters.

Activities Committee Chairman John Edel referred to his report on his regular activities dated October 3, 1996. Of particular importance was the announcement of the special QSO Party planned for the 50th QCWA Anniversary. Jay Strom gave an initial proposal of rules for the Party. After considerable discussion by the Board members several salient rules were agreed upon:

continued on page 7

# CQ DX

by Chip Margelli, K7JA, DX Editor  
6652 Cerulean Ave.  
Garden Grove, CA 92645

## The Future of DXing

As we approach the beginning of the next millennium a lot of thought is being given to the future of DXing. Magazines are taking surveys, the Internet buzzes with suggestions and "flame" messages, and many even wonder if Amateur Radio will exist in the very future being discussed!

Perhaps the last question is the most important issue, but it is somewhat beyond the scope of this column. So let's all dedicate ourselves to our best efforts to preserve Amateur Radio as a viable service and enjoyable hobby. Having said that ... what should the DXCC program look like in the year 2000?

## The Problems

The DXCC program is based on the notion of "Countries" as entities which are credited to one's award level, based on the submission of the requisite QSL cards. The "Country" concept has, of course, led to much heartache over the years, in part because we've run out of true countries. We now recognize rocks, reefs, religious enclaves, and world government buildings. One person's "Country" is another person's joke, and there seems to be much wrangling over just how big a rock should be, or how official a religion should be, etc. (I have a religious experience every time I visit the super QTH of Pedro, NP4A, but I can't seem to get "Mount Pedro" declared a separate "Country").

And, of course, we all know that there have been cheaters from time to time. People say they're on an ice-encrusted crag when, in fact, they're in a cozy hotel room a few hundred miles away. Or they take a picture of a deserted beach in Baja, California, and store it away for the time they want to claim to be operating from Palmyra.

And there are more countries close to the East Coast of the United States than there are to the West Coast. So I have a tougher time of it all!

## What's Needed

Any major change in DXCC ought to address at least some of the current problems. It would be nice if we never had to argue over political or religious subdivisions, or try to operate from a particularly dangerous piece of rock just because its political status makes it a "Country" separate from another rock (only a few miles away) which might be safer.

Moreover, I think it's clear that the issue of land-based versus sea-based operations is long-since deserving of being shelved.

And, ultimately, I feel there must be a basic principle regarding DX operation that we are all trying to prove. That is, what is it that we are trying to demonstrate to the world at large? I always thought that Communications Effectiveness was one very basic aspect of Amateur Radio that the DXCC program was seeking to promote. Yet one can get dozens of country credits for working Europe, which is very easy for many Hams, yet there are relatively few credits to be granted for contacting the middle of the Indian Ocean, which generally is considered to be more difficult.

## A Modest Proposal

Why not change the entire concept of how we reward communications effectiveness via the DXCC program? Why not base the award level on something purely geographical?

## Why not Grid Square Fields?

The Maidenhead Grid Square system has been in use by VHF+ operators for many years, and it has served as a workable and reasonably equitable method of evaluating communications system performance.

Now, I am not proposing that the full four- (or six-) digit Grid Square locator be used for DXCC purposes. But consider this: there are 324 two-letter Grid Square Fields in the world, almost exactly the same number as there are DXCC countries. So the number of entities being pursued would be essentially unchanged.

## But look at the new angles:

1. You actually would have to work all over the world in order to "work 'em all." Indeed, you would really have to demonstrate how effectively you can communicate.

2. Many fields have no land masses on them, so it is doubtful that anyone would be able to finish off all the Grid Square Fields quickly. Thus, there is some longevity to the chase!

3. Some current countries might share a Field with another country, making it possible to get credit for a field where the corresponding country credit might be impossible (if Amateur Radio were banned for political reasons, for example).

4. All the arguments over the sizes of rocks, reefs, shoals, and religion would vanish instantly. Water-based operations would have to be allowed, so an operation from near Scarborough Reef, for example, could be more reasonably done from a ship at anchor.

Obviously, there would still be some regulatory considerations. Operations from land would have to be duly licensed. And operations from ships would have to be verified by the Master of the Vessel (something which currently is required to verify that a DX-peditioner was actually delivered to an island). Overall, however, the administrative burden would appear to be less.

And consider now that there would be considerable incentive to put on DX-peditions to remote areas of large countries, like Russia, Brazil, Australia, China, and India (or northern Finland, Martti!), so as to make sure that these Grid Square Fields were activated. So you'll still get exotic QSL cards from faraway places. Everyone would be starting from scratch. There would be no "grandfather" credit. No deleted Grids.

Sounds like fun! 73 de Chip, K7JA



## Christmas Party

Chapter 130 is having a Christmas party on December 14, 1996 at 12:00 at the home of K6KJK, 2231 Vermont Ave., Anaheim, Calif. Phone: 714-635-6654. The cost of the party is \$10 per person. No reservations past Dec. 7.

Don Warburg, WA6HNC.



## Board Minutes from page 5

1. Dates will be same as old QSO Party dates in Feb and Mar.
2. Each of the two sessions will include both CW and SSB,
3. Best 24 hours out of the 40 hours will be used for scoring.
4. The QSO Party is open to all licensed operators.

Further information will be published in the Winter edition of the Journal.

Convention Coordinator Wes Randles cited Croft Taylor for the fine work he and his committee have done on the Ottawa Convention. He reminded the Board that the 1997 Convention to be held in Kansas City will be our Golden Anniversary Convention and that the 1998 Convention will be held in Palm Springs.

Director Bill McGrannahan, Chairman of the 1997 Convention, discussed Convention plans. More information will appear in the Journal in due course.

Blanche Randles reported that the Tapes for the Blind program now mails about 70 tapes. In order to reach more sight-impaired members, Blanche Blanche will provide the GM with a suitable announcement about the program for inclusion in a forthcoming Hot Lines Report.

President Emeritus Leland Smith advised the Board that the Scholarship Fund total was \$151,499 on June 30, 1996, an increase of \$19,577 over the August 31, 1995 balance. Income from the fund will allow QCWA to give 15 scholarships in 1997. Information on how to apply for a QCWA scholarship appears elsewhere in this issue of the Journal. The Committee is grateful for the continuing contributions to the Fund by individual QCWA members and Chapters in memory of Silent Keys.

Lew McCoy made a motion to increase Barry's quarterly salary from \$2400 to \$2550 toward partial amortization of equipment used to produce the Journal. Motion was seconded and approved.

Chairman Gary Harrison presented the committee report on Membership and Chapter Relations. Our most important objective in this activity is membership recruitment. Proposed rules for a Recruiting contest in 1997 were discussed at length with the Board members. Rules will be available to members through the Bulletin Board, the Web Site and the Winter edition of the Journal. A motion to approve the proposed rules was seconded and approved.

Board members were reminded that we should recognize excellence in Chapters, and suggested that Chapters publicize special chapter activities etc. through the Home Page and/or the Hot Lines Report..

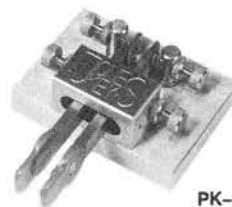
Wes Randles gave a brief report as Historian. He advised that he is collecting QCWA information for eventual publication as a 50th Anniversary section in the Winter 1997 issue of the QCWA Journal.

**John Swafford, W4HU, Secretary**



The two individuals who checked the logs and recorded them in the last QSO party. On the left is Art Monsees, W4BK and on the right is Don Bice, W4PCO. Both of these members have contributed much to QCWA over the years.

## JONES KEYS



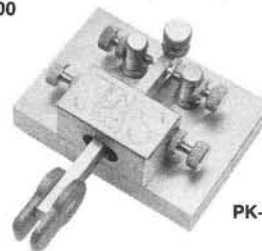
PK-200-B

- Machined brass mechanism.
- Rotary ball race bearings.
- Solid (Weight 3-1/2 lb).
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Model PK-200 Dual paddle (Red Base)  
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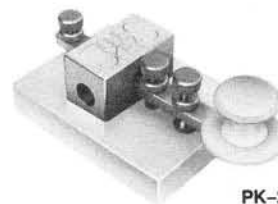
Model PK-200-B Dual paddle (All Brass)  
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Model PK-200-G Dual paddle (Gold Plated)  
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# FCC Highlights

by Jack Kelleher, W4ZC, 612 Ednor Rd., Silver Spring, MD 20905

## INTERNATIONAL LICENSING BROADENED

Following are brief abstracts from an NPRM which is much too long to be included in its entirety

On September 9th the FCC adopted a Notice of Proposed Rule Making (RM-8677; WT Docket 96-188) in the matter of Amendment of the Amateur Service Rules to Authorize Visiting Foreign Amateur Operators to Operate Stations in the United States. This proposed action is, in effect, formal action by the U.S. to permit foreign nationals holding a valid CEPT or CITEL license to operate in the U.S. for limited periods. Here is an abbreviated text of the NPRM.

### I. Introduction and Executive Summary

1. This Notice of Proposed Rule Making (Notice) proposes to amend the amateur service rules to authorize citizens of certain countries in Europe and the Americas to operate stations while on short visits in the United States (U.S.). The proposed amendment of our rules would facilitate expeditious implementation of two pending international reciprocal operating arrangements. These arrangements are intended to make it easier for U.S. amateur operators to operate stations temporarily in twenty-two European countries, eight South American countries, Mexico, and Honduras.

They also would benefit amateur operators of these same countries by allowing them to operate stations in places where the service is regulated by the Commission.

### II. Background

2. Currently, foreign amateur operators are authorized to operate stations in the U.S. under three circumstances. First, Part 97 of our rules provides operating privileges in the U.S. to citizens of Canada who hold amateur service licenses issued by the Government of Canada. Second, Part 97 of our rules provides operating privileges to citizens of some 76 countries, whose governments have entered into bilateral reciprocal operating arrangements with the U.S., who obtain non-renewable one-year permits to operate their amateur stations in the U.S. Finally, non-U.S. citizens who pass the required examinations are granted licenses in the same manner as U.S. citizens. This latter method is generally used by foreign operators who reside permanently in the U.S. or who are here for lengthy stays.

3. There are two pending reciprocal operating arrangements that offer to provide more convenient ways for foreign amateur operators to operate stations in the U.S. They are the European Conference of Postal and Telecommunications Administrations (CEPT) radio-amateur license, and the Inter-American Convention on an International Amateur Radio Permit (CITEL/Amateur Convention). These negotiations were prompted by amateur operators who want to operate their stations during international travel without first obtaining a permit from each country visited.

### IV. Conclusion

13. Accordingly, we propose to amend Part 97 of the rules to authorize, by rule, a person holding a CEPT radio-amateur license issued by a participating CEPT country or an IARP issued under the authority of a participating CITEL country to temporarily operate, for a period of 180 days or less, an amateur station in the U.S. Citizens of these countries visit-

ing the U.S., such as tourists, attendees at conferences, students and visiting professors, would benefit from having a convenient procedure available whereby they could operate their amateur stations while here in the U.S. Additionally, U.S. citizens who travel in Europe or in the Americas for short visits would similarly benefit. Comments are invited on the proposals described above.

### Comment Dates

Interested parties may file comments on or before December 13, 1996, and reply comments on or before January 13, 1997. Send comments and reply comments to Office of the Secretary, Federal Communications Commission, Washington, D. C. 20554. You may also file informal comments by electronic mail. You should address electronic mail comments to [mdeport@fcc.gov](mailto:mdeport@fcc.gov). You must put the docket number of this proceeding on the subject line ("WT Docket No. 96-188"). You must also include your full name and Postal Service mailing address in the text of the message. Formal and informal comments and reply comments will be available for public inspection during regular business hours in the FCC Reference Center, Room 239, Federal Communications Commission, 1919 M Street, N. W., Washington, D. C. 20554.

## FCC PREEMPTS LOCAL ANTENNA REGULATIONS

The FCC has adopted rules to prevent local governments from restricting the rights of homeowners and businesses to install television antennas and satellite dishes. These new regulations could also stop municipalities from restricting most two-way radio antenna systems, including those of licensed radio amateurs.

The new rules were enacted on Tuesday August 6th and prohibit the enforcement of local laws, rules, private covenants and homeowner association regulations that in any way interfere with television reception. This includes over the air broadcast stations, satellite delivered services and microwave delivered wireless cable systems.

Enactment of these far-reaching regulations is based on a regulatory interpretation issued earlier this year. At that time the Commission acted to prevent any and all entities from restricting the installation of the popular pizza-sized direct to consumer pay television systems. Broadcasters and other RF based delivery services that compete with cable systems claimed that regulations governing antennas for their services made interference-free delivery difficult. As a result broadcasters saw satellite television gaining an unfair advantage and began pushing for a similar exemption. The result is the across the board action that bans restrictions on all over-the-air television delivery services.

The new regulations do grant communities some leeway in interpretation. For instance, communities can still enforce local safety rules even if such regulations hinder reception. This includes banning the installation of antennas on fire escapes.





Antennas can also be restricted in regions that are considered to be historical districts but do not cover the installation of antennas on common property found in many planned communities. Also excluded is the placement of antennas on rental property, but the FCC says that it wants to receive comments on rules that could be enacted to protect those involved in rental situations.

Don't look for any immediate help to ham radio. The action covers only antennas and satellite dishes specifically intended for the reception of television signals. But it does open the door for FCC action on a similar request by the two-way radio industry. The two-way folks filed a request to the FCC late last year asking the commission to ban any and all local restrictions on communications antennas. If the FCC decides to invoke extended preemption for the two way radio industry, it may not be impossible for restrictions to be selectively enforced against the nation's Amateur Radio community. Stay tuned, this is just the beginning

#### **WISCONSIN SENATOR SEEKS LOCAL CONTROL OVER RFI**

Acting in response to what he says are nearly 45,000 complaints to the FCC every year, first-term Sen Russ Feingold (D-Wisconsin) has introduced S2025, which would give state, county and local governments the ability to regulate interference from CB radios "when that interference results from a violation of FCC rules." Saying his bill "simply allows common sense to prevail," Feingold reasons his measure would give states and localities the ability to investigate and enforce Federal law, "thereby protecting the rights of their residents." The bill would only affect unauthorized CB transmitters or amplifiers. Municipalities could prohibit use of the equipment and levy fines or other monetary sanctions.

Recently, the City Council of Beloit, Wisconsin - reacting to complaints from local residents of interference to home electronic equipment - passed an ordinance that would give that city the power to enforce FCC regulations on CB interference. While the bill is an explicit reversal of the total Federal preemption over telecommunications matters granted by the Communications Act of 1934, it contains a provision reaffirming the continued Federal preemption in handling other types of RFI.

Feingold said he's tried to enlist FCC help in investigating constituents' RFI complaints without success. He said he was told the FCC no longer investigates RFI complaints and offers "only a packet of self-help information for the consumer to limit the interference on their own."

It's all a question of fairness, Feingold says: "It is not fair that municipalities and their residents should be hamstrung by an outdated Federal preemption of laws the Federal government no longer has the resources to enforce." The bill has been referred to the Senate Commerce, Science and Transportation Committee.

ED: Before you say "it's about time", consider the possibilities if such action was extended to other services.-- SUCH AS THE AMATEUR SERVICE.

#### **CONGRESS DIRECTS FCC TO PUT 2.3 GHZ SPECTRUM UP FOR BID (TNX ARRL Letter 10-18-96)**

Possibly for the first time ever, Congress has directed the reallocation of specific frequencies, including 5 MHz that Amateur Radio shares with non-government services between 2305 and 2310 MHz. During its final hours before adjournment, the 104th Congress approved a provision as part of a much larger appropriations bill that directs the FCC to put 30

MHz of spectrum in the 2.3-GHz region up for competitive auction to help balance the budget.

The National Telecommunications and Information Administration (NTIA) had identified for reallocation the amateur segments 2300-2310 MHz and 2390-2400 MHz in May 1994, so reallocation of part of that subband came as no surprise (see QST, Jul 94, p 85, and Aug 94, p 72). Last year, hams scored a major victory by getting a primary allocation on the subbands 2390-2400 MHz and 2402-2417 MHz.

The recent congressional action will reallocate 2305 to 2320 MHz and 2345 to 2360 MHz--30 MHz in all--to "wireless services that are consistent with international agreement concerning spectrum allocations." The action was included in the massive, 2000-page Omnibus Consolidated Appropriations Act, which was passed by Congress and signed by President Clinton. The act now is Public Law 104-208.

Shortly after the measure was introduced in the Congress, the ARRL sent messages to House and Senate Commerce Committee and Appropriations staff members to alert them to the League's concerns and the possible impact the bill would have on the amateur allocation at 2300-2310 MHz. The measure also was opposed by the Senate Commerce Committee leadership, which stated that auctions ought to be used only for assignment purposes, not as a means of raising Federal revenues. The newly reallocated spectrum is to be put up for bid no later than next April. ARRL Executive Vice President David Sumner, K1ZZ, said it's too early to know the implications for Amateur Radio. "Congressional action directing the reallocation of specific frequency bands is very unusual, and may even be unprecedented," he said. "We have been waiting for the other shoe to drop on 2300-2310 MHz ever since 1994, and to some extent we are still waiting." Sumner expressed the hope that the action might provide the opportunity to strengthen Amateur Radio's claim to 2300-2305 MHz.

#### **LEAGUE PETITIONS FCC TO CHANGE NEW RF SAFETY RULES**

The ARRL has petitioned the FCC to reconsider and reverse portions of the Commission's August 1, 1996, Report and Order that imposed RF-emission safety standards on Amateur Radio, including a 50-W threshold to trigger an RF-safety evaluation. In setting the 50-W threshold, the ARRL said, the FCC failed to consider the effect of antenna height, antenna gain, emission mode, duty cycle or operating frequency. The League asked the FCC either to scale the evaluation threshold by frequency to match the maximum permissible exposure (MPE) limits--directly corresponding to the way the regulations scale the exposure levels with frequency--or to set the evaluation threshold for all HF operation at 150 W at a distance of 10 meters from all parts of the antenna.

The new rules, effective January 1, 1997, require licensees of amateur stations running 50 W output or more on any band to conduct a routine RF-safety evaluation to determine if the station could expose people to RF levels that exceed the MPE limits specified in the new rules. (Mobile installations using push-to-talk, regardless of power, are exempt from the environmental evaluation requirement.) In its reconsideration filing, the League called the 50-W threshold "regulatory overkill" and "without scientific basis." Among other things, the League said the means to conduct RF radiation evaluations are not yet available, and the ability to re-configure a station that might exceed the new limits "is highly problematic." Coupled with any state and local land-use and RF-exposure regulations that might exist, application of the new rules "may

continued on page 13

# Amateur Radio Satellite News

by Keith Pugh, W5IU, Vice President, Operations, AMSAT-NA, 3525 Winifred Dr., Ft. Worth, TX 76133

## Hunting "Birds" and Dreams in Alaska Satellite Status Report

### INTRODUCTION -

While not strictly an "Amateur Radio Satellite Expedition," three weeks out of last July and August combined three of my favorite activities - travel, flying, and Amateur Radio - into a dream vacation which I will share with you in this column. The trip was billed as the "Arctic Bush Tour" conducted by Alaska Northwinds Tours. The unusual part of this tour was that it was conducted entirely by light, personal aircraft. I navigated for and otherwise assisted a long time friend and aircraft owner, Harold Johnson, while we accumulated 67 hours on his Beechcraft Bonanza (N9343Q) during the journey from Fort Worth, TX, to Canada, Alaska, and return. This column will share some of the highlights of this tour.

### THE PLAN -

Originating in Great Falls, MT, the trip was scheduled to take 20 days and 21 nights, ending in Calgary, Alberta. Overnight stops were scheduled for Grande Prairie, Alberta; Yellowknife, NWT; Inuvik, NWT; Dawson City, Yukon; Circle Hot Springs, AK; Barrow, AK; Kotzebue, AK; Nome, AK; Fairbanks, AK; Healy, AK; Homer, AK; Anchorage, AK; Glennallen, AK; Whitehorse, Yukon; and Grande Prairie, Alberta. More than one night was scheduled at selected stops. A side trip to King Salmon, AK, and Katmai National Park was scheduled between the Homer and Anchorage stops to watch some "Professional Salmon Fishing." A tour of Denali National Park was scheduled during the Healy stop. Visits with Amateur Radio Satellite friends were arranged with Jack Butler, KB7UZ, in Great Falls, MT, and John Boudreau, VE8EV, in Inuvik, NWT. A visit was also planned to the NASA Gilmore Creek Geophysical Observatory and NOAA Satellite Command Station outside of Fairbanks. As you can tell, this was an ambitious trip even by aircraft, especially considering it was to be conducted completely under Visual Flight Rules (VFR).

A very simple, hand-held, satellite station was taken along to occupy any spare moments checking on the "Easy Birds" in this part of the world. The station consisted of a Garmin GPS-90 Global Positioning System Receiver to determine our location and the correct time, a Hewlett-Packard HP-200 Palm Top Computer running N4HY Quiktrak to do the orbital predictions for the "Easy Birds," and a YAESU FT-530 Dual-Band HT to handle the communications duties. This combination performed well and helped pass the time during weather delays on several occasions. It also stirred up interest in the Amateur Radio Satellite Program among other members of the tour.

### THE ACTION -

The trip from Fort Worth, TX, to Great Falls, MT, with a gas stop in Akron, CO, went well until the end. When we arrived in the Great Falls area, we met a severe thunderstorm and decided to land in Lewistown, MT, to wait it out. After a short delay for the storm to pass, we were able to continue on to Great Falls. The visit with Jack, KB7UZ, went well and we rendezvoused with the other members of the trip, Tour Leaders Jerry and Kathy McCann (Piper Saratoga N42942), Joe and Pat Bryant (Beechcraft Baron N1570N), and Ray and Donna Eure (Cessna Skymaster N6LN).

After departure from Great Falls, we cleared Canadian customs at Lethbridge, Alberta, and went on to Grande Prairie, Alberta, with some weather difficulties near the end of the trip. After delays and re-routing we finally made it into Grande Prairie for the night. This was to be the only night for a long time that we were in the right place, at the right time, according to our schedule.



Analysis of weather patterns the next morning made it painfully obvious that the trip to Yellowknife, Inuvik, and Dawson City could not be accomplished without excessive risk at this time. We elected to follow the Alaska Highway on to Alaska and other parts of the trip, essentially reversing the plan. Hopefully, conditions on the North Slope would improve during the latter part of our trip. We headed out for Whitehorse, Yukon, with a gas stop at Fort Nelson, BC, and an overfly of Watson Lake, Yukon. The trip was uneventful with lots of beautiful scenery along the Alaska Highway and the Liard River Valley. Whitehorse was an excellent overnight stop.

Weather for the trip on to Fairbanks the next day was marginal VFR for the first part of the trip along the Alaska Highway; however, by carefully following the highway and the valleys we were able to pick our way on to Northway, AK, to clear customs back into the USA and pick up some gas. The trip on to Fairbanks was easy and we enjoyed a good meal and night's rest that night. Weather the next day didn't cooperate so we spent a day in Fairbanks sightseeing, doing laundry, etc.

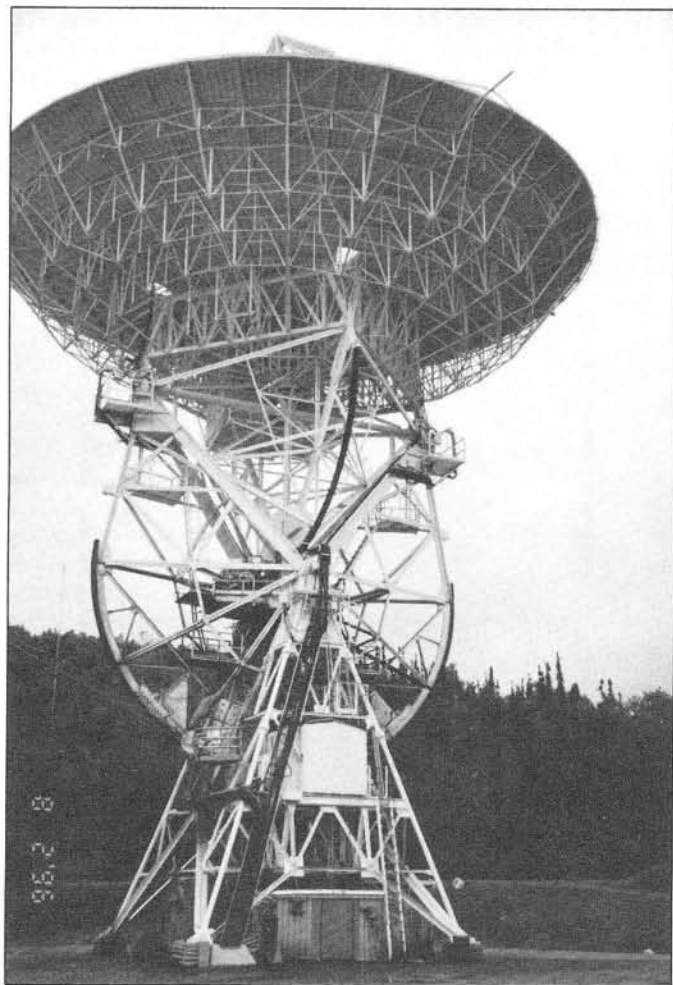
At this point, we hoped to rejoin our route to Circle Hot Springs, Barrow, etc., but again the weather did not cooperate on the North Slope. Weather was good to the South so we went on to Healy and Denali National Park. On the trip to Healy, we were treated to an excellent opportunity to see Mt. McKinley, the highest peak in North America (20,300 ft.). After a picture taking session to capture Mt. McKinley in the background behind our airplanes, we went on to Healy in time for an afternoon White Water Rafting trip. For this trip we were dressed in wet suits and spent two very enjoyable hours in a large rubber raft going down the Nenana River. The following day was spent touring Denali Park including an afternoon Wildlife Bus Tour along the Denali Park Highway past Polychrome Pass and return. We had an excellent tour guide and in the course of the trip we sighted the "Big Four" game species; Caribou, Dall Sheep, Moose, and Grizzly Bear. We were delighted to see all of this game; however, better sightings of the Sheep and Bears occurred later in the trip.

A trip through "Windy Pass" and on to Anchorage the next day had to be aborted due to severe turbulence in "Windy Pass." We took a long detour via Delta Junction, along the Alaska Pipeline to Gulkana, and then down the Glenn Highway to Anchorage. After another good meal and a nights rest, half of us took a sight-seeing trip by ship from Whittier around part of Prince William Sound. This was an all day cruise that started





The author's portable satellite station.



The 85 foot dish at Gilmore Creek.

by driving to Portage and riding the Alaska Railway on to Whittier. The trip included an excellent Salmon Lunch and some of the most spectacular glacier scenery I have seen. On the return to Anchorage that evening, we had an extremely good sighting of Dall Sheep right alongside the Portage Highway.

A trip to watch the "Professional Fishermen" of Katmai Na-

tional Park was on the schedule next. From Anchorage, we picked our way around the North end of Cook Inlet to the West shore and down to Bruin Bay. From Bruin Bay we went through a pass to Lake Iliamna and on to King Salmon. At King Salmon we traded our planes for float planes (Cessna 195 and DeHaviland Beaver) and went on to Lake Brooks in Katmai National Park. Upon arrival, we visited the Ranger Station and became 1996 graduates of the "Katmai School of Bear Etiquette" before proceeding on to watch the "Professional Fishermen." The weather during all of this was rain and drizzle, but it didn't dampen our spirits while we watched the "Professional Fishermen" (Grizzly Bears) sit on a waterfall and catch Salmon as they jumped the falls on their way up stream to spawn. On the return to the Ranger Station we had a "Close Encounter of the Bear Kind" along the trail with an 800 pound Grizzly and we were glad we had attended the course on Bear Etiquette. Our float planes picked us up on schedule and returned us to King Salmon; however, by this time, weather had deteriorated to the point that we couldn't continue on to Homer. Alternate arrangements were made and we spent the night and next morning in King Salmon waiting for the weather to lift.

By noon the next day, it appeared possible to get on to Homer so we took off and retraced our tracks to the pass to Bruin Bay only to find the pass obscured. We elected to try an "end run" to the Northwest with a new goal of getting to McGrath and on to Fairbanks as a jumping off place for the North Slope. We went approximately 150 to 200 miles along this alternate route and again ran into low ceilings and rain. We tried the pass into Bruin Bay again before landing at the Iliamna airport. The field was marginal VFR by this time and we were glad to get on the ground anywhere we could get gas, food, and lodging. We spent the night and half of the next day at the Iliamna Airport Hotel before finally getting out through the pass and on to Homer. Iliamna was a very interesting place and we all felt that we had truly visited the "Alaskan Bush Country" after that experience without actually having to camp out and use our survival gear.

After fighting the weather for the past few days, it was delightful to find clear skies at Homer. We had a very enjoyable evening at Land's End Resort along with a delicious fresh Halibut dinner.

The next day we decided, once again, to try for the North Slope. To accomplish this, we set out for Fairbanks again and got just North of Mount McKinley, on top of an overcast, when we found that the weather conditions at Fairbanks had deteriorated to the point that we could not continue VFR. At this point we returned to Anchorage and started working on Plan B. Plan B was to proceed on to Glennallen for the night and then visit Kennicott - McCarthy the next day. We had a good flight to the Gulkana Airport, serving Glennallen, via a spectacular side trip up one glacier to the ice field on top (10,000 ft.) and down another glacier to the Glenn Highway again.

As our luck would have it, weather was deteriorating again the next day and we had to cancel the trip to Kennicott - McCarthy. We barely made it back up the Alaska Pipeline through the pass to Delta Junction and on to Fairbanks before the pass closed due to high winds.

Once we were back in Fairbanks again we thought we might have another chance to get to the North Slope; however, the next day was too low to go anywhere by air, so we rented a car to do the laundry and visit the NASA Gilmore Creek Geophysi-

continued on page 31

# Sylver Belles

by Esther Given, W6BDE, 6740 Evergreen Ave., Sebastopol, CA 95472

**R**uby La Rue, W7JZA holds a special distinction - she was one of the first licensed YLs in Arizona. Her "Elmer", was friend and teacher Robert LaRue, 6CDU, whose 1928 license issued by the Department of Commerce was signed by Herbert Hoover. Theirs was one of those rare occurrences for those days. Dots and dashes led to wedding bells and in ham lingo, they became a "twisted pair".

Ruby's first call, W6BRI, obtained in August 1931, was class C temporary and upgraded automatically to class B a year later. Following the silencing of amateur radio during World War II the ban was lifted and all call signs bearing a "6" were to be California hams and new 7-land calls were assigned to Arizonans. Bob was able to keep his call letters but the number changed from 6 to 7. Ruby was unable to keep her call letters because they had already been assigned in 7 land so she was issued W7JZA. During this transaction she upgraded to advanced class and soon found she preferred phone to CW.

Ruby's business life included 17 years with Motorola introducing their 2-way radios to Arizona through the Phoenix Radio Message Service.

Ruby's first YL contact was on CW with another Arizona YL, W6EK, Flora, who is now N6OPI. They met "eyelash" for the first time 61 years later in 1992.

In 1934 Ruby attended her first ARRL hamfest. The event was held in the National Guard Armory in Phoenix. Some twenty years later she attended one held in the Los Angeles area where she met several YLs from the Ironing Board Net including K6ELO, Roxanna, K6KCI, Irma and the 6-land holder of her same call, W6JZA, Elsa. In those days in addition to ham gear YLs also owned and operated an iron and ironing board so Tuesdays on 7233 at 1800 GMT became the magic time to combine a house chore with a YL fone fest establishing life-long friendships.

In 1980 Ruby became the second president of QCWW. Encouraged by outgoing president W4GXZ, Blanche, to take over leadership in the new Chapter 120, she served two years in that capacity and helped give QCWW a healthy start.

One morning in 1988 Bob La Rue, W7CDU, went for a walk while Ruby was conducting the Coffee Cup Net. The area around their QTH, Cave Creek, Arizona was rough country, rocky hills filled with open pits from mining days and numerous hazards including summer heat. When Bob did not arrive home by lunch time, a search was begun to locate him. Now 8 years later, Bob is still a

missing person and has been legally declared a Silent Key. This tragedy has been bravely borne by Ruby and their three children Bobbie, Allan and Miki. Daughter Miki is WB7CMC, her husband Bryant, WB7CMD and son Robert, WB7SNG.



Now in her mid 80s Ruby still maintains a busy amateur schedule. On Tuesdays she's net control of the Coffee Cup Net (Arizona YLs) at 1500 UTC on 3933 kHz; checks into the Ironing Board Net, 1800 UTC, on 7233 kHz; QCWW Net 1900 UTC on 14295 MHz and finally a check-in on the Cactus Keys (YL) 2 meter net that evening. On Sundays she's active on two MARA church nets and the Barry Goldwater Chapter 16 QCWA net on 3890 kHz. On weekdays at 1300Z she checks in daily on the Broadway Consumer Net authorized by the Arizona National Guard.

In the late 30s Ruby made ARRL's Brass Pounder's League for handling messages to and from a stricken California earthquake area.

In addition to many honors and certificates of public service accomplishments, Ruby holds recognition with both ARRL and QCWA for 50 Years continuously licensed, Golden and 60th "Hamiversaries", QCWA Century Club and Charter Membership in QCWW Chapter 120. Ruby is affiliated with QCWA, QCWW, ARRL, YLRL, MARA and Cactus Keys. In addition to ham radio she enjoys handcrafts and travel but her most fun day is TUESDAY ON THE AIR. Look for her on one of the above noted nets and you'll find her to be the real gem her handle implies. W6BDE



#### FCC Highlights from page 9

constitute a de facto revocation or modification of the station license," the League said.

"If amateurs cannot operate using outdoor antennas due to deed restrictions, and they cannot use indoor antennas due to concern about exceeding the MPE levels, all amateur communications are precluded."

According to the September 9, 1996, issue of Radio Communications Report, the ARRL was not the only one to challenge the RF exposure guidelines.

Others filing petitions for reconsideration or clarification are the Personal Communications Industry Association, the Electromagnetic Energy Association, Hammett & Edison Inc (a consulting firm) and the US Department of Defense.

ED: This topic is better known as RADHAZ; officially, Biological hazards of nonionizing electromagnetic radiation. It has been under study for at least 30 years. Such investigations commenced with a military project known as HERO -- Hazards of Electromagnetic Radiation to Ordnance, and a bio-hazard investigation to determine possible effects of exposure to high power microwave radar. W4ZC

### From the Activities Manager

The QCWA QSO Parties continue to be the activity where most of the members participate. In the 1996 parties there were 109 CW and 110 phone logs received and processed by W4BK and W4PCO. The 1997 parties being the 50th year of our QCWA organization, will be known as the "Golden Anniversary QSO Party". This party will be open to the QCWA members and the amateur fraternity at large. The dates will be February 8-10, and March 8-10 from 1400 to 0400 UTC 40 hours each weekend with the best 24 hours of score to be submitted. CW or Phone may each be worked or combined. Logs must be received no later than April 1, 1997.

I have now received some action from the membership regarding the QCWA Awards that I'm responsible for handling. I have received two applications for the Worked 60 Chapters Award. A certificate has been prepared for Arnold Sayre, W8WVM, and should arrive shortly. Arnold also submitted logs for Worked 100 QCWA Members, and that certificate will likewise arrive soon. As your Activities Manager, I urge more participation by the membership in obtaining these awards. I have plenty of certificates and will be pleased to send them out, so get your logs to me. To refresh your memory, the Activities Manager issues the following awards: Worked All States, Worked 100 Members, Worked 500 Members and Worked 60 Chapters

The International Net on 14347 MHz continues to be active in spite of very poor band conditions. The number of check-ins has for the past several months been in the neighborhood of 50 stations. This is not good, but considering the band conditions, it's not all that bad. Net Control Stations are badly needed. I could use three new net control stations at once, so please come aboard and help us.

**Jay Strom, K9BSL**

**Editor:** For more information on the Golden Anniversary QSO Party see page 48.

## Memorial Scholarship Fund Donations

### DONOR

CHAPT 63  
W5KL & WA5WAR  
CHAPT 63  
CHAPT 195  
W6ISQ  
W1PCD  
CHAPT 30  
CHAPT 152  
WØGFQ  
CHAPT 45  
WAØRWS  
CHAPT 173  
CHAPT 49  
CHAPT 53  
W9UEM  
ITN FLOWER FUND  
CHAPT 32  
CHAPT 134  
W9YCV & GRACE  
CHAPT 10  
W8DGU  
W3EXP  
CHAPT 38  
WØGFQ  
CHAPT 21  
  
W6ISQ  
CHAPT 19  
W7YP  
CHAPT 87  
CHAPT 21  
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### HONORING

K5NK  
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NX4X  
  
KM4MG  
K8ONV  
WA9NII  
WA9NII  
K4JMH  
  
W9VQD  
W8YMI  
K8ONV  
  
KB5TX  
  
W8DNC, W8SPZ,  
K8UDO, W8WNU  
  
WØKC  
  
KB7TA  
K8JZN  
W9VQD

**Correction:** Last issue we incorrectly reported Chapter 10 contributing in honor of W4PBV. Chapter 10 contributed in honor of **W8CJT**. We apologize for our error. Ed.

We talk a lot about how great the Memorial Scholarship Fund is, and how only the interest earned on the account is used to fund the grants. I often wonder how well this is received and about the time my wondering gets to a great peak .. I get an answer. There are a lot of small events that continually take place to support the Memorial Scholarship Fund, but every once in a while something exceptional takes place. Some while back we had a conversation with a widow about a grant to the Fund. Time passed with a number of communications with her by Leland Smith, W5KL, and Headquarters. After a period of time we received a letter at Headquarters and a very substantial check was enclosed for the Scholarship Fund in memory of her husband, Travis Baird, W9VQD, who was a great supporter of the Memorial Scholarship Fund. Her fond memories of Travis will continue throughout the family's lifetime and they will know they have contributed to the education of the next generation. W7LVN

# Chapter Reports

## Chapter 1, Cleveland

Some 60 members of our chapter, including their spouses and friends, turned out for our fall luncheon-meeting on Saturday, October 26. Traditionally this meeting is devoted to handing out awards to well deserving Cleveland Chapter 1 members. This year was no exception.

First of all, our president, Bernie, W2NTB, proudly announced that Steve Martinovich, W8NZD, was selected as the "Ham of the Year" for 1996. Steve has been our stalwart Net Control Operator for our Wednesday night net on Club Station KB8ZBH. He had replaced Ed Stewe, W8OXA, about 5 years ago to continue the fine net operations that Ed had established. Steve, a veteran operator, has demonstrated his wit, courtesy, and common sense in handling operations, sometimes under very trying conditions. Only occasionally has alternate Bill Knaus, WA8NPX, another capable operator, had to fill in for Steve. Congratulations, Steve, OM!

David A. Crossley, W8BCO, was the recipient of the QCWA 75-year award. Joseph Zelle, W8FAZ, received the 65-year certificate. The 60-year awards went to Chuck F. Klaus, Jr., W8KF; Charles A. Pistone, W8PFH; George W. Cox, W8PJN; Lloyd W. Frohling, W8PMJ; and Clyde Rothstein, W8QHM.

Next cited were those for 55 years of faithful service in hamdom. The members were John J. Mistic, W8VRJ; Edwin C. Bennett, W8VVB; John H. Brant, W8WAB; our outgoing treasurer, Wm. C. Loudon, W8WFH; and former secretary, Jack H. Goldfarb, W8WGO.

Lastly, 50-year presentations were made to Leo J. Stankiewicz, W8ZCN, and Joseph M. Skraba, W8ZSD.

The Meritorious Award was conferred on Wm. H. Knaus, WA8NPX. Our new secretary, Paul Poling, N8CKG, won the coveted President's Award. There were also 2 Century Awards given out, to Jack Ball, W8SKP, and Bob Hadley, W8KCG.

These presentations were made by our president, Bernie Hinrichsen, W2NTB; our membership chairman, Rocky Zimmerman, W8UYN; and former chapter president, John Mistic, W8VRJ.

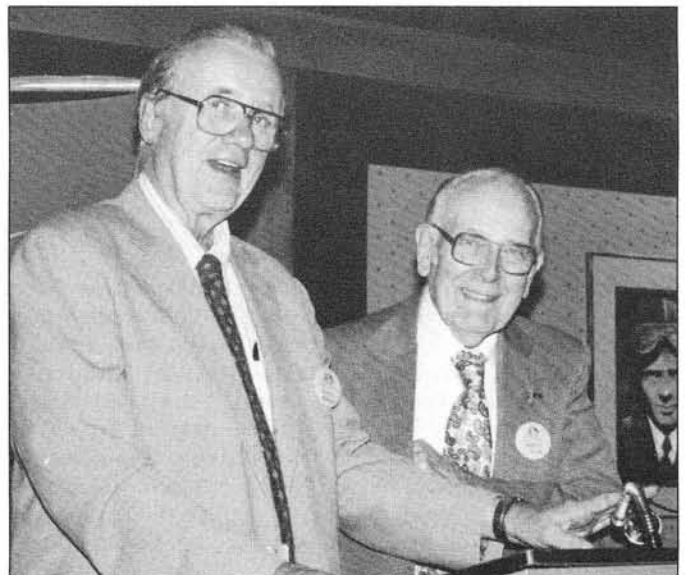
Congratulations to all of the recipients.

After the ceremonies, door prizes, contributed by members of Cleveland Chapter 1 were given with the president's lovely XYL, Helga, and treasurer, John Brant, W8WAB, distributing the prizes. A festive spirit pervaded the entire proceedings to end another highly successful luncheon and meeting.

One of our most distinguished members, Al Gross, W8PAL, was honored again. This time he was singled out at the Personal Communications Industry Association (PCIA) last September in San Francisco. Said Al: "My greatest thrill came during the opening awards ceremony when the Honorable James Quello FCC Commissioner (standing in for Reed Hundt, FCC Chairman) in his laudable remarks, bringing back vignettes of history about my relationship with the Commission as far back as the end of World War II. PAL is noted for initiating and pioneering the handheld, and is frequently referred to as the Father of the walkie-talkie. Last May he was singly honored with the Marconi Memorial Gold Medal of Achievement Award by the Veteran Wireless Operators Association in New York. It is said that Marconi's daughter made the presentation. 8PAL is still very active as senior scientist in

Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal.

Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: August 1, November 1, February 1, and May 1.



**L to R: Bernhard Hinrichsen, W2NTB presenting the Ham of the Year Award to Steve Martinovich, W8NZD.**

electrical engineering for Orbital Sciences Corporation of Chandler, Arizona. This recognition of a true ham is just another feather in the hat of the most prestigious chapter, the Cleveland Chapter 1 of QCWA. Congratulations OM! Keep up the good work!

Our next luncheon-meeting date has not been scheduled, pending a conference with the executives for the momentous occasion. In the meantime, have a Happy Chanukah, Merry Christmas, and Prosperous New Year 1997, and all of that sort of thing!

**Joseph Zelle, W8FAZ**

## Chapter 5, Delaware Valley

Chapter 5 had the opportunity to celebrate its 40th anniversary and to join with National in honoring one of ham radio's pioneers with a luncheon meeting on September 14th. Held at the Town & Country Restaurant in Bordentown, New Jersey, Chapter 5 was privileged to have as its guests from National QCWA, President Jack Kelleher, W4ZC, Secretary John Swafford, W4HU, Directors Walt Brink, W3WPY, Tony Stalls, K4KYO, and Robert Buus, W2OD. In all, there were representatives from eight different chapters present for a total of 82 at the luncheon.





**Presentation of the Roll of Honor Award to Jack Williamson, W3GC, by Jack Kelleher, W4ZC, QCWA National President.**

The main activity at the meeting was the presentation of National's Roll Of Honor Award to Jack Williamson, W3GC, former co-owner of the Barker & Williamson Company, for his many years of manufacturing quality components and equipment that were well known and used by amateurs, manufacturers, and governments throughout the world and his many years as a radio amateur. Jack first got interested in ham radio in 1920 and was licensed in 1922. The company was started in 1932 by making coils. Many amateurs and manufacturers built equipment using B & W plug-in coils in their transmitters. Jack gave a talk on the history of the company and its involvement in many phases of radio, both amateur and commercial. One piece of equipment that was designed and built by B & W and was very popular with radio hams around the world was the 5100 series transmitters. Many hams used a 5100 and found them to be top of the line quality. Another very popular B & W unit was the antenna tuners that were produced in large numbers and many are still in use today. The story that Jack gave of the company was a typical one of two men starting out with next to nothing and, because they produced a needed quality product, their efforts were rewarded and the company grew to become very prosperous.

Among the guests at the luncheon was the chief designer of B & W, Jack Brown, W3SHY who resides in the area and is enjoying retirement. W3GC is still active in ham radio on the local two meter repeaters from his retirement village home and his many ham friends see that he gets out to meetings and other activities. He also is involved in keeping up with his investments by using a computer to get daily reports. He is 89 years old and looks very good. The presentation of the Roll Of Honor award was made by National President Jack Kelleher, W4ZC. Chapter 5's Chairman George VanDyke, W3HK also presented Jack with a life membership in the Chapter.

Among those that were present at the meeting were members from King of Prussia Chapter 166, including President Tom Jones, W3BED, Vice-president Bob Thomas, W3QZO, Corresponding secretary Charlie Stouth, W3ZPP, Recording secretary Woody Sbei, W3TTW, John Buysen, N3HTI, Al

Bubeck, K3GNM, Jim Faries, W3AOA, Howard Trout, W3IGW. From Allentown-Bethlehem Chapter 17 were President Bill Werner, W3FYK, Elmer Bush, W3FVT, and Ray Bilger, W3TDF. From Hudson Valley Chapter 181 were President Dick Robinson, W2OZA, and Harry Moore, W2JQS. From Central New Jersey Chapter 138 Robert Buus, W20D, Earl Korf, K2IC, Russell Schmid, K2LL, and Joe Stockbine, W2KCO.

Delaware Valley Chapter 5 was started on September 11, 1956. The original elected officers were Tom Dix, W3BFH, Chairman; W2ZI, Ed Raser, Vice-chairman; K2EW, Conrad E. Roberts, Secretary; and W2ASG, Luther M. Mkitarian, Treasurer. Present at the 40th anniversary meeting was the first Chairman of Chapter 5, Tom Dix, W3BFH. Tom is retired and enjoying life and his boat that he keeps in the Chesapeake Bay during the summer season. The Chapter has held regular meetings for the past forty years. The membership has been up and down. The first meeting held had 37 signed up members. At the present time the membership is approaching 70. As a bit of celebration for the 40th anniversary, the executive committee decided to obtain QCWA badges for all paidup members. These were available at the meeting to be picked up. Those that were not present received their badges through the mail. Pictures were taken during the presentation of the awards and along with a set being sent to National, those at the head table each received a set of the best pictures.

Everyone enjoyed the nice atmosphere of the Town & Country Restaurant and the good food and the fine Fellowship of those present. Delaware Valley Chapter 5 was very honored to have such a distinguished representation of National Officers and Directors present.

**Don Field, W2UAE, Secretary**



### **Chapter 10, Michigan**

The chapter members and guests met at Kenwood Park in Cadillac on August 14 for the annual potluck picnic. There were 14 members and 9 guests present. Good food and fellowship were enjoyed by all in perfect picnic weather. As requested, the identities of the people in the picnic picture are- Front row: Ena Jackson; Sarah Rasmussen; Beverley Stoner, K8ZJU; Sandra Mondro, KG8HM; Kitty Prested and Al Travis, WA8CHT. 2nd Row: Marion Stoner, W8VWY; Myriam Gregg, K8ILN; Veronica Travis; Arlene Johnson; Alfa Spooner, KB8UZM and Eleanor Skutt. 3rd Row: Dale Cryderman, KA9EIZ; Dorothy Cryderman; Clarence Rasmussen, W8LKR; Paul Spooner, W8YMI; Rich Johnson, K8HBG and Ed Prested,

## Chapter Reports, continued

W8IAC. Rear Row: Joe Cuchetti, K8JRE; Currin Skutt, W8FSZ; R. J. Beach, W8NB; Joe Boyles, W4GHR and Dick Mondro, WA4FQT.

On October 10 we lost a most active and valued member of our chapter when Paul, W8YMI, became a Silent Key. Paul was our President last year and will be missed by all members of the Chapter. Sympathy is extended to Alfa, KB8UZM, his YF, and the family.

One of our members, who is a summertime resident of Ann Arbor, Merle, W8LUI, was recently presented with medals he earned in combat as a Navy pilot in October 1943. The ceremony took place in Florida where he received a Silver Star, two Distinguished Flying Crosses and seven Air Medals. He was wounded during the raid on Japanese ships and had received a Purple Heart, but was not aware he should have received the other medals until recently when quizzed by a former Commanding Officer. Merle said he had wondered, when he learned others in his unit had received medals, but never followed up until the call from his former Captain. So, over fifty years late, he now has his medals. Better late than never, and we are glad Merle finally got the recognition due him.

**Beverley M. Stoner, K8ZJU, Sec'y/Treasurer**



**George Mitchell, K6ZE QCWA #4465 and wife D'Andrea, KC6FIZ, with background of Tuskegee photos taken by K6ZE from 1943-1946. K6ZE was communications instructor from 1943 to mid 1946**

### Chapter 14, San Diego

Over thirty Chapter 14 members gathered at the dining room at the MCRD Officers Club on September 15 to enjoy a delicious brunch and an interesting program.

The speaker for the Fall meeting was our own Chapter 14 member, George Mitchell, K6ZE. George was a communications instructor in the Cadet Ground School at Tuskegee Army Air Field, Tuskegee, AL, for more than three years. He related his experiences in the training of African-American fighter pilots at the only Air Corps facility available for these pilots who were known as "The Tuskegee Airmen". HBO made a movie of their exploits. Included in the presentation were photos taken by George, a display of memorabilia and a brief video.

During the same decade that George, K6ZE, was training

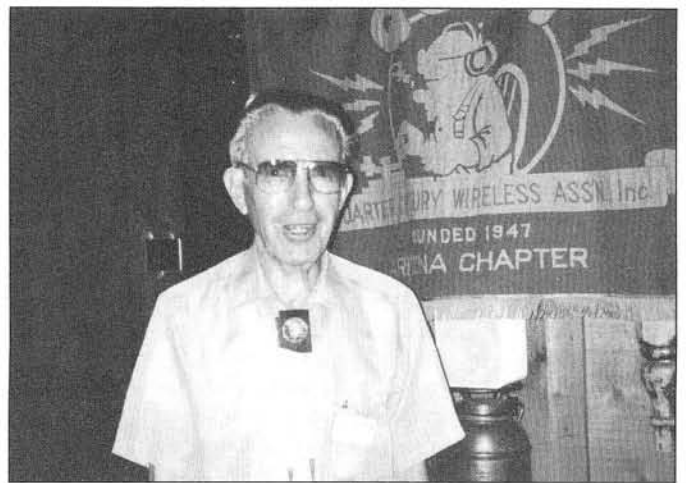
the Tuskegee Airmen, Chapter 14 member, George Levy, WN6N, who recently received his 65-year certificate, was a professor of Electrical Engineering at the Illinois Institute of Technology. Chapter 14 member, Joe Saugier, K6CD, graduated from this same school with an EE Degree after WW II.

It's interesting when you get talking to members of our chapter to find out about their participation in various public service activities. For instance, Ivan Simpson, W6TET, a recent recipient of his 65 year certificate, uses his communication skills and ham radio equipment as a member of a local mountain rescue team.

Several Chapter 14 members were involved in assisting with communications during the Miramar Air Show in August. Coming up on Sunday, November 10th, is the annual "Ham Radio Roundup" which will involve some Chapter 14 members. This activity has become a tradition in San Diego. It includes displays of equipment setups, vehicles equipped with communications gear and demonstrations, mainly associated with providing communication links under emergency conditions.

The next Chapter brunch meeting will be in January 1997. Details will be included in a bulletin preceding that meeting.

**Reubin Onstad, N6BAS, Secretary**



**Chapter 16's outgoing Secretary, Cliff Bruce, W7ER**

### Chapter 16, Arizona

Sixty-One people attended the lunch and annual meeting held at the Horny Toad Restaurant in Cave Creek, Arizona, 32 members and 29 guests.

George Chaet, W1RGH, gave the invocation at 12 noon and lunch was served.

President Ralph Barr opened the meeting at 1 PM with introductions all the way around the group. QCWA 50- through 65-year Award Certificates were presented to: Ruby LaRue, W7JZA, 65 year; Ed Bataker, WK7L, 65 year; Ray Schulte, W0DFI, 55 year; Harry Paston, W2OAA, 55 year; and Harry Snyder, W0RN, 50 year. Those members not present today will have their certificates delivered or mailed if necessary. 21 members earned certificates this year.

The only business on hand was the installation of officers for Chapter 16; Ralph Barr, W0DNO as President; Harry Snyder, W0RN as Vice-president; and Gerry Higgins, W9INP as Secretary/Treasurer. Cliff Bruce, W7ER was thanked for the umpteen years of service to the Chapter in several capacities as President and Editor.



There being no other business the program was introduced by Harry Snyder. Frank Smith, AHØW and two other hams from Sun City area were introduced. They, with several others from Hawaii, etc., conducted a short DXpedition to Midway Island in August 1996, making about 15,000 contacts throughout the world using 160 meters through VHF satellite operations. Midway is, or soon will be, administered by the U.S. Fish and Wildlife Service as a bird and wildlife refuge. Only about 15 people live on the islands at present and there are very few tourists allowed on board.

At the conclusion of the meeting door prizes were drawn and the meeting adjourned about 2:30 PM.

Our next event will be the December 7th joint QCWA-SOWP lunch meeting. See you there!

#### **Cliff Bruce, W7ER Secretary (outgoing)**

The annual business meeting on October 5, 1996 marked the end of an era for Chapter 16. Long time Editor of the Chapter Newsletter, Cliff Bruce, W7ER retired. Cliff did a super job as attested to by the many "on the air" compliments after a newsletter was published. Cliff's job was not limited to being editor of the newsletter. He also served as Vice-president for 2 years, 1983-85; President for 4 years, 1985-89; Secretary/Treasurer for 6 years, 1990-96 while being editor for 11 years, 1985-96. We will all miss his expertise and sense of humor. As the saying goes: it will be a tough act to follow!

#### **Gerry Higgins, W9INP Secretary (incoming)**

### **Chapter 19, Missouri**

Chapter 19 gathers at Rich and Charlie's Restaurant on Watson Road in St. Louis County on the second Saturday every month for a luncheon meeting. The business portion of the meeting is followed by a program pertaining to amateur radio or computer matters of interest. There is plenty of opportunity for general discussion and camaraderie, along with the good food and the meeting content. Typical attendance is 18 to 20, with our membership total at 36. In addition to our monthly meeting we run a local QCWA net every Wednesday at 7:30 PM. local time on 2 meters, 147.15 MHz, with Carl, KDØIR and Don, WØRTV alternating as net control.

At a recent meeting we all congratulated Jim Glasscock, WØFF, Vice Chairman of our Chapter, upon his award for Five-Band DXCC. He was number 4146 to receive this award from the ARRL. At a previous meeting we had a presentation from Bob Bloemker, KØWEX, telling about the visit he and his wife had, earlier in the year, to Saudi Arabia. Their daughter and son-in-law and family were there on an extended work assignment for an American company doing tax accounting work for ARAMCO in Dhahran. This visit occurred before the bombing incident. Bob gave an interesting account of the differences in customs and living conditions in Saudi Arabia, and also had the opportunity to work as a guest operator of HZ1AB in Dhahran. He and their club president spent two days and one night working hundreds of stations. Nice to be on the other end of a pileup. We are currently in the middle of a program sequence of 4 VCR films entitled "The Triumph of the Nerds", depicting the early start and development of the PC industry, with Bill Gates, Steve Jobs, and many others involved.

In midyear two Chapter Offices were up for election. Jim Glasscock, WØFF, was reelected as vice chairman, and Carlos Scheer, AAØPJ, was elected as a trustee, succeeding Bob Bloemker, KØWEX, whose term had expired.

#### **Carl Widell, KDØIR, Secretary/Treasurer**

### **Chapter 29, Finger Lakes**

One year ago I said "We will attempt to send out a local newsletter each month when the QCWA Journal is not published". During 1996 we decided to do one every three months, then changed it again - mainly due to confusion on my part in coordinating the news. We now publish every two months, regardless of whether a national Journal is due the same month. The newsletter continues to receive accolades, as well as many financial contributions by our members to encourage me to keep it going. This support has meant I've decided to continue. It was also a major factor in my decision to run for office for one more year.

This past year, we did not have a table at more than one hamfest, as I had indicated we hoped to do exactly a year ago in this column. However, I did man the table at New York's Big One, The Rochester Hamfest and ARRL Atlantic Division Convention. Not knowing that coordination had been accomplished on subbing for Director Walt Brink, Harry Dannals W2HD appeared with a full kit of goodies! Also, Jim Mozley W2BCH - a chapter member - was there for the full weekend. We all had a wonderful time - perhaps the most fun I have ever had at a hamfest in my 48 years of attending them. Most of all, I had a chance to work and chat with Harry for a full day. Harry, if you are reading this, it was a pleasure and a privilege and a barrel of fun to have you there.

The October 25th luncheon was our scheduled nominations/elections meeting. We were pleased to have more than half the chapter members present (two simply forgot in the midst of dealing with urgent household matters and the like, else we would have had a record turnout). A nominating committee comprised of the 1996 officers and past officers put forth three candidates. In the absence of other nominations, it was moved that these be considered elected for 1997. There being no objections, the meeting continued with discussion about the future of the chapter as well as the future of ham radio. The officers for 1997 are James Mozley W2BCH, President; George Cook W2RBK, Vice President (both are pictured in our Chapter News on page 17 of the Fall Journal); and Fred Adsit NY2V, Secretary/Treasurer. Joe Molinaro W2FUU declined to run due to the pressure of other ham organization responsibilities. We owe Joe a huge debt of thanks for being an officer for a chapter record of eight years between 1986 and 1997.

We will continue to meet on the last Friday of every month, with lunch served at noon, at Weber's Restaurant on Danforth Street, 2 blocks from the junction of Court Street and Grant Blvd., in Syracuse.

#### **Fred Adsit, NY2V, Secretary/Treasurer**

### **Chapter 35, Midcontinent, Kansas City**

We're excited! Bill McGrannahan KØORB, just returned from the QCWA International meeting held in Ottawa Canada. Bill said the Ottawa meeting was outstanding and well organized and will be hard to equal! Congratulations to our Canadian friends and welcome to Kansas City in 1997.

Bill is Meeting Chairman for the GOLDEN ANNIVERSARY MEETING being hosted by Midcontinent Chapter 35 in Kansas City and already has received the 3-color Memento Lapel Pin recognizing the 50 years of organization. Pins will be available at the Kansas City meeting.

The Fall Banquet meeting was November 3rd at RC's in Martin City, MO. Members were treated to a sumptuous meal

## Chapter Reports, continued



**Look us over!**  
**Midcontinent Chapter 35**  
**Hosting the 1997**  
**QCWA GOLDEN ANNIVERSARY MEETING**  
**KANSAS CITY**

and the program included Bill's report of the super QCWA Ottawa meeting.

Guess everyone knows the weekly Thursday QCWA luncheon time has been changed to high noon at Sherlocks on Holmes 99th and Holmes. And don't forget the weekly on-the-air QCWA meeting at 2030 hrs on Thursday. Net Control is Gene Gourley, KØYML.

**Cass Cassing, WØGJG**

### Chapter 37, Harrisburg

Chapter 37 held its September 14th & 8th, 1996, meeting at the Bonanza Family Restaurant in Carlisle, PA. Twelve members were present.

Charles Hilbish, K3BSV, was reported to be a Silent Key.

Anthony Manning, W3ND, and John Izzo, W3JIE, were reported to be ill.

The QCWA national election results were announced. Chapter 37 President W3KRM announced that the December meeting would include election of officers.

**Dave Barrows, W8IJ, Secretary,**

### Chapter 41, Dallas

Dallas Chapter 41 was recently honored by a visit from its northernmost and most infrequently seen member, John Trent, KL7DG, of Anchorage, Alaska, who had a myriad of interesting stories to tell of life "above the lower 48." Marking the memorable event was the presentation to him of a Certificate of Merit commemorating his 60 years of service to Amateur Radio. In the euphoria of the moment a motion for a special annual dues assessment unanimously passed, which will enable the chapter to bring John "home" twice a year on the chapter Learjet, Pocket Rocket 41.

The Chapter also had the pleasure of recognizing two distinguished members, each with a 50-year Certificate of Merit:

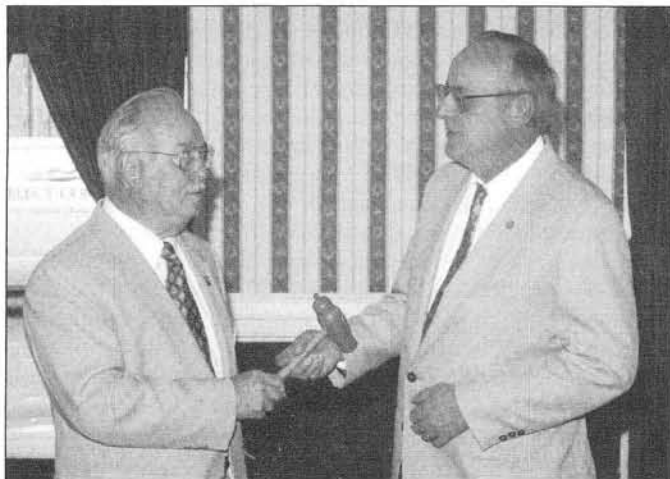


**President Bob Olney presents a 60-Year Certificate of Merit to John Trent, KL7DG, (center) and a 50-Year Certificate of Merit to Kenneth Norvell, W5KN, chapter vice-president.**

Kenneth Norvell, W5KN, and Peyton (Pete) Ohlson, W5LVM (a recent chapter past-president).

An interesting program was presented at the same meeting by another international member of the Chapter, Perry Brittain, VP5MR, who reportedly owns and operates an active volcano on the island of Montserrat in the Caribbean. His alleged problems with the EPA stemming from his inability to get his volcanic emissions under control were described. He has applied for an extension.

**Bob Olney, N5NT, President**



**Rod Pratt, K2AFK, outgoing President, presents the gavel of office to incoming President, Jim Needham, W4BNY**

### Chapter 42, Mohawk Valley

The Mohawk Valley Chapter 42 was held on October 19, 1996, at the New Hartford Ramada Inn in New Hartford, NY. There were 27 members and guests in attendance.

Since this was the last meeting of the year, an election of officers was held. Our new officers are: President, Jim Needham, W4BNY, and Secretary/Treasurer, Walt Keys, W2DES.

After the election instead of our regular program we held an informal "eyeball" QSO during which any member who wished got up and told us a little bit about what direction his



interests in ham radio were taking him at the present time.

The Chapter owes a vote of thanks to Chuck Pankiewicz, W2WGL, our un-elected Program Chairman for coming up with such interesting ideas for programs and for finding restaurants that serve with such delicious meals. Chuck is also completing his duties with this meeting. Thanks, Chuck, for doing such a fine job.

On behalf of our outgoing Presidents Rod Pratt, K2AFK and myself, we'd like to thank all the members of our Chapter for their help and assistance during our terms as your officers. We'd also like to congratulate our incoming officers and wish them all good luck and success as they assume their new duties.

**Jim chase, W2VGE, Secretary/Treasurer**

### Chapter 45, Citrus

It is with regret that we announce that Edmund Bedat, NX4X became a Silent Key on August 21, 1996. Ed was very active on our weekly net. His passing was very sudden; he said in the morning that he did not feel well and passed away in the hospital that afternoon.

Our new repeater is working very well. The CW identification still needs some tinkering to make it sound right. What sounds right to a good CW man is not generated by some 'engineering type' who has only been exposed to code by reading a book on what the parameters should be.

In December members of the Chapter will join in the annual "peel and stick" party at a local middle school. Boxes with about 40,000 mail brochures for the Orlando HamCation are lugged in. The ARRL supplies us with mailing labels for the Hams in the Southeast region. We join the Lake Munroe Amateur Radio Society (LAMARS) to label, sort and bag the flyers, by zip code areas to post office standards. We are usually finished by noon, at which point a variety of pizzas are delivered, accompanied by various soft drinks. A good time is had by all, and the HamCation presents a free ticket to each ham participating.

Citrus Chapter meets on the third Saturday of each month at Stacy's Buffet in Altamonte Springs, FL., at the junction of SR436 and SR434. We invite any visiting hams to join us at noon for a period of good food, at a reasonable price, and lots of good fellowship.

The only month the Chapter does not meet at Stacey's is February. That weekend is the date for the annual Orlando HamCation. Many of our members are at the hamfest or working at the QCWA table, so we have an informal lunch meeting at a local restaurant.

The Chapter operates an open repeater on 147.195 MHz. The regular chapter net is Tuesday at 1930 hours local. Any ham in the area is welcome to come aboard and get acquainted.

**Paul A. Turner, W1DLP, Secretary**

### Chapter 49, Atlanta

Atlanta Chapter 49 met at 12:00 Noon on Saturday, September 28, 1996, at the Heritage Country Buffet. Although the severe rains dampened attendance, the attendees were quite cheerful and had a great time. After the fine meal, President Jud Whatley called the meeting to order. The Summer meeting was cancelled due to the Atlanta Hamfest. Chapter 49's Hamfest participation was very successful, especially with QCWA VP, Gary Harrison attending. The chapter secured 5 new members plus several renewals.



**Bob Brady, WA4FTM, Sec/Tres, (L) presented awards to Wendell Cushing, K4VN, in recognition of his past Historian duties. Ed Bigbee, W4MMQ, was recognized for his QCWA recruitment efforts and Buck Jones, W4GRX, (R) received his certificate of appointment as the new Atlanta Chapter 49 Historian.**

Marty Stern, KM4MG became a SK which was a blow to the chapter and all Atlanta. He was a very active Amateur and well liked and respected. A \$25 memorial fund will be sent to QCWA.

Due to deteriorating eyesight, Wendell Cushing, K4VN, resigned as Chapter Historian. Jud presented a certificate recognizing his long term as Historian. Buck Jones, W4GRX, was appointed as his replacement and was presented a certificate of appointment and thanks for his interest.

The guest speaker, Ed Bigbee, W4MMQ, conducted an excellent presentation regarding antennas and antenna couplers. He brought with him some antenna measuring equipment and a recent beautiful coupler he had just constructed. Ed, who is a hard working retired Electrical Engineer with considerable professional and ham antenna experience and who belongs to many professional electrical engineering associations, is also the ARRL Technical representative for the Georgia Section. Everyone thoroughly enjoyed the presentation and before closing the meeting, Jud presented Ed with a certificate of appreciation for his QCWA and chapter recruiting efforts.

**Jud Whatley, W4NZJ, President**

**Bob Brady, WA4FTM, Secy/Treas**

### Chapter 63, Central Oklahoma

Chapter 63 held its 4th quarter Chapter meeting at Johnnie's Charcoal Broiler in Oklahoma City on Saturday October 12, 1996. The meeting was attended by 28 members and guests. A trivia game was enjoyed by everyone. Our next Chapter meeting will be held in January, so stay tuned for the time and place.

During the past quarter we have had two more Silent Keys. On August 24, 1996, Charles R. Wilhite, K5NK, suffered a massive heart attack. His passing was unexpected by everyone because he had been very active and had not exhibited any health problems. On August 29, 1996, Joseph G. Buswell, K5JB, became a Silent Key. He had been diagnosed with cancer approximately six months earlier. He gave a gallant fight but finally lost his battle with the dreaded disease. Both will be missed by the Amateur Radio community.

## Chapter Reports, continued

The Chapter's recruitment for new members has been paying off. Since the last report we have gained 12 new members. Many thanks to Gene Nailon, K5DLE, for spearheading the drive for new members. The Chapter membership now stands at 93.

**Jay Ingram, W5QVS, President**



**Chapter 64 members with awards: Tisha, W1NUO - 55 Year Award Norm, W1HX - 75 Year Award**

### Chapter 64, El Paso

Chapter 64 holds its regular 3rd Saturday monthly meetings at Bucks Bar B-Q, Sanders and Dyer Streets, El Paso, at noon, with 1 PM. business meeting. We invite all Quarter Century hams to join us.

At our August meeting, two of our "old timers" were honored. Norm Young, W1HX, received his 75-year plaque and his wife, Tisha, W1NUO, received her 55-year certificate. The presentations were made by National Director, Millie Wise, W50VH, and Manny Gonzalez, W2BFI, secretary-treasurer of Chapter 64. We congratulate this special couple on their combined total of 130 years of hamming. They have been active in our chapter since moving to El Paso in 1990 from Massachusetts.

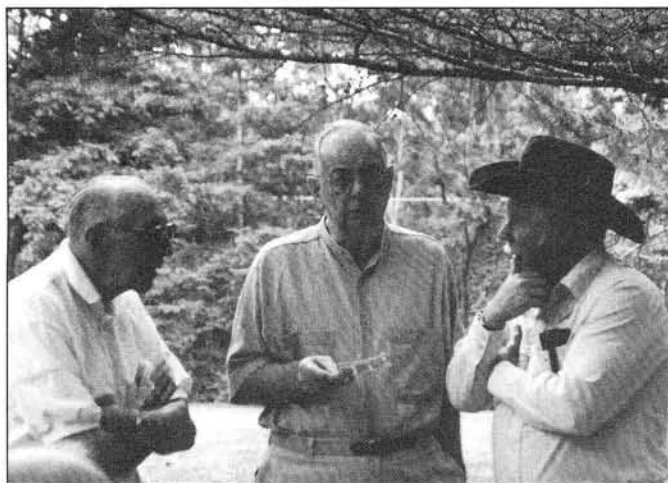
Twenty-one members and friends enjoyed the food and fellowship at our 4th annual Chapter 64 picnic, which was held at the home of our secretary-treasurer, Manny Gonzalez, W2BFI, on September 28. It was a beautiful pool-side location to relax and enjoy the view of the countryside below and a gorgeous sunset. Our thanks to Manny and Sharon for their hospitality.

The regular October meeting was replaced with our QCWA Breakfast, held at the Golden Coral restaurant on Sunday morning during the Hamfiesta weekend. Thirty members and friends got together for this annual event. Several members also participated in other duties at the Hamfiesta, for which our club is one of the sponsors.

**Jean Carlson, KØZRD, President**

### Chapter 65, Niagara Frontier

The Chapter summer picnic at Dan's, N2DC country home, with Bob Kerns, K2VNM invite, Harry Moore, W2JQS, visited our picnic and also chose to join our chapter.



**L to R: Director Ed Pirrung, W20TY; John, W2JUA; Secretary-Rancher Ken K2FJ at the Chapter 65 picnic**

He is from N. Tarrytown, NY, is VP of the OOTC, and is a Colonel, Signal Corps (Ret).

A longtime member John Van Son, W2JUA from Southlake, Texas, dropped in at our picnic. There were 22 in attendance.

We are pleased to have Pete Liaros, K2RSK, back as a member again. Peter chases DX, operates HF mobile and is associated with the famous Ted's Hot Dogs chain.

The Sunday chapter net with NCS Stu, W2NW (3900 kHz at 1:30 PM local) is looking up with quite a number reporting in. Please join us for the latest info and chitchat.

Our Annual meeting and Fall banquet in October was most enjoyable with excellent food at Schettler's. Everyone had a good time of fellowship. A table was set up with photos of Joe Meyer receiving his 75-year award, old books, manuals, etc. President Rooney gave a talk on "Hail & Farewell: CW Forever?"

The highlight of the banquet was our hard-working, friendly President Bob Rooney, W2AET receiving the QCWA Meritorious Award! Bob most surely deserves this in appreciation of all his efforts for you and the Chapter. He can hang it proudly amongst his other items at his home museum. Bob wants you to have the address of our chapter's new Home Page on the World Wide Web, <http://www.Lockport-NY.com/qcwa.htm>

Check it out.

**Ken Palmer, K2FJ/ZB2G Secretary**

### Chapter 70, QCWA National Capital

The last meeting of QCWA Chapter 70 was held at the Carlingwood Family Restaurant in Ottawa on Sept. 18th, 1996. This was the Annual Spouses night. The presentation for this evening was the showing of a VCR put out by Industry Canada. This video showed us, in humorous fashion, some of the interference problems that can be evidenced on a TV set.

Croft Taylor, VE3CT, as reelected member of the QCWA HQ Board of Directors, presented year pins to the following members: Ken Scrivens, VE3LJ, 50-year; George Roach, VE3BNO, 50-year; and Doug Leach, VE3XK, 40-year. The certificates for the two 50-year recipients were presented at the QCWA Convention in October. It should be noted that Ken Scrivens was the guiding force behind the formation of the QCWA National Capital Chapter 70. Ken was instrumental in





**Ken Scrivens, VE3LJ (right) receives his 50-year pin from QCWA Director Croft Taylor, VE3CT (left)**

getting Croft Taylor to join QCWA and also yours truly, the present Secretary/Treasurer of Chapter 70.

Chapter 70 was honored to be able to host the 1996 QCWA International Convention in Ottawa, Canada. Chapter 70 hopes that all the attendees had a most enjoyable visit. A full report on the Convention appears elsewhere in this issue of the Journal.

**Keith Bedal, VE3GFI, Sec'y/Treas.**



**L to R: Harold Braun, VE3DWH of Waterloo, Ont., Sec/Treasurer, recently elected at the May 4, 1996 meeting and Earl Mann, VE3PTF, of Rexdale, Ont., President.**

#### **Chapter 73, Southern Ontario**

The Fall meeting was held at the Plainsman Restaurant near Hamilton on October 19, 1996, conducted by the new executive and attended by 96 members and guests.

A moment of silence was observed in honor of Al Dike, VE3AFW, who died in August, and well known Canadian amateur Noel Eaton, VE3CJ, who passed away Sept. 28, 1996. Noel was active for many years and had been the Canadian Director of ARRL and was currently President Emeritus of the International Radio Union of which he had been President from 1974 to 1982. He was a member of and regular attendee to Chapter 73 meetings and will be missed by all. He was active on the air

from his Waterdown home until July of this year. Noel was well known throughout the world for his many contributions to the betterment of amateur radio, especially to developing countries.

Croft Taylor, VE3CT, the Canadian Director of QCWA reported on the International Convention held in Ottawa in October '96. Fergus Kyle, VE3LVO (RAC-Southern Ontario Director), gave a brief report on "Radio Amateurs of Canada" matters and current activities.

The guest speaker was Vern Stroud, VE3RVS, a retired Radio Inspector who spoke on "Incidents in a Radio Inspector's Life" spanning the years 1955-1989 of his career.

The next meeting will be 9:00 AM on May 3, 1997 at the Plainsman Restaurant on Highway 5 near Hamilton Ontario.  
**Harold Braun, VE3DWH, Sec/Treas.**



**President Len Cummings, W6RBB and program speaker, Amy L. Malicki**

#### **Chapter 75, Central California Coast**

Our Fall Luncheon and program, held on October 19th, at Maria Del Sol Restaurant in Santa Maria, California, was enjoyed by approximately 30 members and friends of Chapter 75. The luncheon was a serve yourself buffet, with BBQ chicken, BBQ Tri Tip & roast turkey along with salads, veggies & dessert, excellent food!

Prior to enjoying the buffet all members & friends were asked to introduce themselves and their spouses and report any interesting activities that they had experienced since our spring luncheon. We enjoyed hearing from Bob Rickey, NF6P, of his trip to the QCWA Convention, 1996, Ottawa, Canada. The members of Chapter 70 did an outstanding job making the convention a big success. Everything was done perfectly to the delight of everyone attending!

Our program for the day was given by Amy L. Malicki, and her past experience and activities were as follows: Amy L. Malicki, owner of Computer Counselors, started her business 13 years ago in Santa Barbara. She moved to Santa Maria in 1988. She is a self-taught computer pioneer and for the last ten years has specialized in voice technology, and other adaptive computer devices for computer access and business automation. Amy has written technical articles about computer operation, and authored a computer column in Senior Magazine called "Ask Ms. Dos". She has taught computer classes and is presently a tutor and technical consultant for the State Department of Rehabilitation. Amy's report on the history of

## Chapter Reports, continued

computer technology, both software and hardware, took us from the beginnings; one floppy drive and a small memory computer to today's 2, 3, 486, & Pentium high-speed processors. She had a large display of software that would satisfy the desire of anyone, whether a beginner or seasoned expert. There is no end to the supply of programs found on floppies or CD ROM'S. During the Q & A time everyone had their personal questions answered to their satisfaction, even those who were afraid of the sight of one hundred twenty-five buttons or more, on a keyboard.

After the program, several door prizes were given away, among them a crate of Santa Maria grown strawberries. A very enjoyable time of fellowship with QCWA friends and members was had by all those present.

**Dave Kreiss, W6ELH, Secretary**

### Chapter 87, Evergreen Chapter

Where did the summer go ??? Seems like only yesterday the kids were yelling and wanting to go swimming or on a picnic. Now the beautiful colors have painted our leaves a multitude of color.

Well, we had our first snow on the date of our Annual Business meeting which was held in Spokane. That's about 80 miles from where this correspondent resides. It usually takes about an hour and a half to drive there but this time it consumed four hours. Snow up to two feet deep and dozens of course, off the road.

This OM ended up stuck and made good use of the ham rig. Raised a fellow on one of our repeaters and he called the AAA. They were very encouraging when I was informed to be patient as it would be two to four hours before having a wrecker available. Fortunately, two very good Samaritans drove up shortly after with shovels and dug out all seven of us who were off the road. Bless them and their shovels.

For the first time we have a lovely lady for our new President. She is Pauline Avery, W7FHW, in the town of Pasco, Washington. She is the widow of Del, W7BGH, who was an active member of the chapter. "Polly", as she is better known, has a barrel full of ideas for the new year. Welcome aboard!!

Other officers for the new year include our "Judge" Bill, W7GHT, Vice-Pres.; Al, W7ENQ, Secretary/Treasurer; Directors: Don, N7MDJ; Chuck, K7UQR; Bob, WU7J; and Earl, W7LBK.

The monthly luncheon was just held in Moscow as this is being written and a total of ten showed up. A great time was had by all, as we had a Halloween celebration with one of the famous cakes baked by the XYL of W7GHT, complete with baby pumpkins on top and kernels of corn on the sides. Any month that anyone has a birthday Oley always bakes a cake and brings it to the luncheon. This is one reason so many of our Moscow members keep putting on weight ... but boy, that cake is always good. Thanks, Oley, we all luv you!!

Just learned something a little different. Our newest member, K7KFU, is a retired minister. Many years ago one of the older members chose Erve to tie the knot at his wedding. This was before either belonged to QCWA so when we learned this item we were all surprised. Ken, W7CVJ, and his nice XYL were the subjects married. They have been together a long time so Erve did a FB job!

Our chapter extends its congratulations to Bob, W7CHI, who was elected to the office of National Director. He is one of our faithful who shows up at every meeting.

Also our best to new Director, Harry Lewis, W7JWJ, President of Chapter 4. He along with W3JPT, Charles of Western Washington, provides the Northwest with three directors of the National. I don't remember this much representation in this area since I became a member of QCWA. Congratulations to all three and may their term of office meet with great success.

Our Chapter would like to extend our gratitude and thanks for a job well done to outgoing President Lew McCoy, W1ICP. We all appreciate him, not only for the great job in QCWA but for the many items we have all learned from and enjoyed in QST. Enjoy your retirement, Lew.

W7PCP, Gerry from Boise, recently completed a 4417 mile trip in his motorhome. Reported gas mileage of 4.5 to 6.7 MPG. He and his XYL, Betty, while driving through Kansas survived a hurricane warning. Since they come from non-hurricane country they were not too sure of what to do, so they crawled into the motor home bed and covered their heads. Guess that's one way to handle emergencies! ! !

Another of our members has also been traveling. This is Dick, W7GDA, from Filer, ID. They enjoyed going to Reno and Northern California. One of the highlights was visiting the Railroad Museum in Carson City, NV. He says the rail buffs in hamdom would really have a good time in the museum.

Holiday Greetings to all QCWA'ers from all of us here in Chapter 87.

**Al Cutting - W7ENQ, Secretary/Treasurer**

### Chapter 91, Vic Clark

Congratulations and thanks to those members of Vic Clark Chapter 91 who serve QCWA on an International level, and who attended the Board meeting in Ottawa! These are: Jack Kelleher, W4ZC, President; John Swafford, W4HU, Secretary; Tony Stalls, K4KYO, Board Member; and Ethel Smith, K4LMB, who has held most offices in QCWA, Inc.

Featured speaker Al Wheeler, WB4JJJ, expounded about QRP operations. Al noted that although all modes are used in QRP, CW is the dominant mode. He gave examples of the very little difference in S-meter readings (theoretically and actually reported) between 1kw and flea-powered transmitters.

Al showed many DX QSL's he had received recently (he is one of those rare hams who really does QSL 100%!), numerous QRP references and publications, and discussed several QRP organizations. He described some of the more popular QRP equipment and showed his new Ten-Tec Argo 556. Al's extensive knowledge and wry sense of humor made this a most enjoyable and informative presentation.

July, 1996 featured speaker Al Cammarata, W3AWU, gave a presentation about his DX operation from Indonesia during May through August of 1969. Amateur Radio operation had been authorized by the Indonesian Government in late 1968. Prior to 1968, legal amateur operation had not been authorized dating to when Indonesia had been a Dutch colony. During Al's time on the air there were only five active hams in the country. He was the only active ham on the Island of Sumatra.

Being rare DX was quite an experience, and working through the pileups was variously exciting, enlightening, and exasperating! Al worked 1657 different stations in 126 countries, 32 states, and all continents using a dipole and a tri-



band yagi mounted 15 feet up on the flagpole in the front yard of his house. This was done with relatively low power and electrical service that was not quite what we enjoy here in the states!

Al talked about the experience of being "on the other end" of DX pileups (until you've been there, you really can't appreciate it!). He was actively chased by stations that most of us only dream of contacting!

Al showed his meticulously annotated logs, plus many QSL cards from that time. Several of the cards were from hams well known to us. One of those operators, John Swafford, W4HU, was at this meeting.

Al also told about some of his unique living and work experiences during his two-year assignment with the American Consulate in Medan. The talk was supplemented with some photographs and other visual aids.

Auctioneer Jim Wilcox, K4JAP, disposed of some fine pieces of equipment and books. Thanks to Jack Kelleher, W4ZC; Ethel Smith, K4LMB; Lew Bradley, W4SWP and Judi Booker, N4NMH, a guest, for donating auction items.

Jack, W4ZC, donated a Bird wattmeter, a microphone, a TV alignment generator, a floppy disk holder, an ARRL Handbook, and an ARRL Antenna Manual for the chapter auction. Carl Gray, W4ACM, donated some selsyn motors and an RF power meter. The auction netted the chapter more than \$80. Jack, W4ZC, also gave the chapter \$100, a portion of the proceeds of the sale of his B&W linear amplifier advertised in the January issue of our newsletter.

**Jim Wilcox, K4JAP**



Chapter Members and spouses attending the chapter meeting on Sept. 28 included: Front row L to R: Art Ekblad KØQQ; Roland Cory, WØYMB; Frank Curtis, WØVQC; and Al Gowan WØLX. Second row: Dave Dekker, KØERM and spouse Nancy; Faye Gowan wife of WØLX. Third row: Frank Shaw NUØF; Darlene Kehm spouse of NØHCR; Norma Shaw wife of NUØF. Back row: Roger Kehm NØHCR; Hazel Curtis spouse of WØVQC.

#### Chapter 102, N & S Dakota

Chapter 102 had election of officers on Saturday, Sept. 28 at their biannual meeting held in Mobridge, SD. Chapter VP Frank Shaw, NUØF presided at the meeting due to the passing last July of former Chapter President Milton Schauer, WBØYDG. Results were: Elected as President for the

term of '96/'97 was former Vice President, Frank Shaw NUØF; elected to Vice President was Roger Kehm, NØHCR and returned to Sec./Treas. position was Dave Dekker, KØERM.

After the meeting was over a tour of the city was conducted by Roland Cory WØYMB, who by the way is also the SD Section Manager. The tour included a look at the local radio station (KOLY) transmitter site and studios, Sitting Bull burial place, Chief Gall renovation project, Grand River Casino and the beauty of the river in the fall. After the tour everyone proceeded to the home of NYØX, Lee Keszler, president of the local radio club who sponsored the meeting, where grilled buffalo burgers and all the trimmings were put on by the wives of the radio club members.

An early arrival get-together was held at the home of WØYMB with about 6 members and spouses in attendance. They adjourned early and went to one of the local restaurants to enjoy a meal together.

Saturday evening was spent together at a different restaurant where the fun of fellowship was certainly enjoyed by all of those in attendance. The weather was near perfect with temps in the 70s.

**Dave Dekker, KØERM, Sec./Treas**

#### Chapter 105, Middle Tennessee

I was unable to attend the August 3, 1996 meeting due to my wife's illness, but according to WA4HKU, acting secretary, a record number attended. The members attending were: K4UMW, WA4HKU, WA4GZZ, WB4DXW, K4EZS, K4ANH, KD4RXD, N4TK, WB4GHL, K4ER, W9FZW, W4PBN, WA4BMV & WB4GLB; visitors were: Carol & Mark Perry, KA4GSB & KQ4PS.

The FCC assigned KF4KWD as Chapter 105's call sign. We look forward to the use of this call sign in the chapter's on-the-air activities.

W4PBN announced that he was planning to attend the Ottawa QCWA convention; we look forward to his report of the trip.

Due to circumstances in the Memphis area on October 12 & 13, Jean Giesler, W4TYU & I were unable to attend the Memphis hamfest and to operate a QCWA promotional booth as previously planned. Mr. Giesler and I regret the possible disappointment to the Memphis area QCWA members who want to organize a Chapter in the Tri-state surroundings. We encourage you to get together and begin QCWA activity which will lead to a viable chapter in the Tri-state area. Mr. Giesler & I are anxious to help in any way we can to see this accomplished, so call upon us if our services are needed.

**O.D. Keaton, WA4GLS, Secretary**

#### Chapter 108, Beaver State

The Beaver State Chapter 108 held its Annual Meeting on 19 October 96 at Mann's Restaurant in Albany, Oregon with 29 members and guests present. Our President Frosty Laughlin, K6HVN, presided.

The minutes of the 19 July 96 meeting, which as usual had been included in the mailed notice for this meeting, were approved as written. The Treasurer then announced that even after making the Chapter's annual contribution to QCWA's Scholarship Fund we remain solvent and ready for the forthcoming year.

At the Annual Meeting held each October we have our elections. A nominating committee then placed in nomination the

## Chapter Reports, continued



Three of our newly elected Officers. L to R: Gene Kelsey, N7EIF; Hazel Keefer, WA7KHD; Fred Dickson, W7LBH.

following individuals for the Chapter's 1997 Officers and Board Member: President - Hazel Keefer, WA7KHD; Vice President - Gene Kelsey, N7EIF; Sec/Treas - Fred Dickson, W7LBH; Board Member - Jack Amsden, K7MKG.

Nominations were closed with none being made from the floor. Those nominated were then elected unanimously. These individuals are to take office and begin serving on 1 January 1997.

It was decided that we would follow our usual practice of holding the 18 January 1997 midwinter meeting in Salem. Retiring President Frosty Laughlin, W6HVN volunteered to secure the meeting room and luncheon facilities at the Chelsea Restaurant on South Commercial Street in Salem on that date.

**Fred Dickson, Secretary**

### Chapter 112, Yankee

Two major events for Yankee Chapter members occurred in October. One was the Ottawa Convention, attended by ten chapter members and spouses. The other was the Boxboro ARRL Convention where a QCWA table provided information for prospective QCWA members. All who attended the Ottawa convention agreed that our Canadian hosts presented a great program and that Ottawa was a city of interesting contrasts.

Next event for the Yankee Chapter will be the December Christmas party. This will be held on December 7th at Dewey's in Lakeville. All information is in the Winter issue of the Chapter Newsletter. All Chapter officers extend Best Wishes to all for the upcoming holiday season.

**Chuck Walbridge, K1IGD, Sec/Treas.**

### Chapter 123, Lee DeForest

Chapter 123 held a QCWA noon luncheon at the Marina Inn in Sioux City, in conjunction with Hamboree 18 on June 1, 1996. There were 62 members and guests in attendance not only from Chapter 123, but also five other Chapters from around the Mid-West.

President Larry Wacha, KØEDO presented Al Smith, WØPEX, with a Meritorious Award Certificate in recognition



Past President Bob Beals, KØDBW, on the left, and Al Smith, WØPEX, after Al had been presented with Meritorious Award for his many years as Sec/Treas. Bob and Al reorganized Chapter 123 and through their hard work we are at 85 members. Al is retiring as Sec/Treas effective June 1, 1996.

of his work as Sec/Treas of our Chapter for the past 13 years. He will be retiring from this position as of June 1st. Al and Bob Beals, KØDBW (past president for 10 years), were responsible for starting our Chapter up again after it had been inactive for several years. Both of these men have worked hard to bring it from inactivity to 85 members.

The business meeting that followed was called to order by President Larry Wacha, KØEDO. The nominating committee offered the following slate of officers for 1996-1997: President, Jack Robinson WØRJZ; Vice President, Dick Placencia, WØRPV; Sec/Treas, Larry Wacha, KØEDO. There were no nominations from the floor. A motion was made that nominations be closed and a unanimous ballot be cast. The motion was seconded and passed.

We meet the first Saturday of each month for a 12 noon luncheon at Bishops in the Lindale Mall, Cedar Rapids, Iowa. All QCWA members, their XYLS or other guests are welcome, so come join us for some mighty fine fellowship.

**Larry Wacha, KØEDO, Sec/Treas**

### Chapter 126, Piedmont

This Chapter of North Carolina had its summer meeting at the Classic Restaurant in Denton, the home of tractor pulls and antique farm equipment. Thirty members, their guests, and wives were present and participated in three hours of fellowship, good food, and entertainment. Some members from the Eastern part of the state were unable to attend because of the devastation of Hurricane Fran. Walt Van Geisen, AB4DQ, was one of them, as his two cars were demolished by fallen trees. President Bill Hutchens, KM4UO, had 17 trees down on his property, but managed to make it, although arriving late. Spence Spencer, WA4ORE, made the trek leaving behind a tree leaning against his neighbor's roof, and a downed tower.

A highlight of the meeting was the distribution of QCWA Anniversary Awards to our Chapter members that totaled 1,010 years of Amateur Radio activity. Nine recipients were present as follows: Nelson Large, W4FQV, 65 yrs.; Tony Elia, K4EMN, 60 yrs.; Harvey Adams, W1YJ, 60 yrs.; George McBride, W4DGJ, 60 yrs.; Henry Elwell, N4UH, 60 yrs.; Weldon Fields, W4AJT, 65



yrs.; Dick Genaille, W4UW, 55 yrs.; Bill Hutchens, KM4UO, 60 yrs.; Dave Kennedy, N4SU, 60 yrs.

The following were unable to attend but the awards were sent to them: Homer Apple, W4AIT, 65 yrs.; Frank Lento, W4OVZ, 65 yrs.; George Beckerman, W6ORK, 60 yrs.; Tom Boone, W4COC, 60 yrs.; Robert Darke, W4MHF, 60 yrs.; Lem Holland, W4QI, 65 yrs.; Allen Smith, W4IPP, 50 yrs.; Walt VanGeisen, AB4DQ, 50 yrs.

The Award is beautifully printed and one should be proud to display it on your "bragging" wall. Chapter Secretaries would do well to obtain these certificates for their eligible members, not only for their benefit, but as a popular meeting feature when presenting them.

President Bill Hutchens, KM4UO, gave a talk on the history of radio, featuring Major Armstrong. Bill was fortunate in being employed by Armstrong before and during World War II. It was during the war years that Armstrong developed a radar to detect moving objects against a background of fixed objects. Bill showed pictures of Armstrong's early experiments while developing his invention of frequency modulation, and the antennas and towers used during that period. Bill claims he has the most extensive information and photographs of the work of Major Armstrong.

**Henry Elwell, N4UH, Secretary**

### Chapter 128, Pelican

**A**t the International Convention, the Pelicans were well represented. I suspect that there were more Pelican members present than any other chapter, with the exception of Chapter 70, the host chapter. A total of 8 Pelicans and Guests were present, and we compliment the National Capital Chapter 70 for their excellent convention.

At the Convention, Wes Randles, W4COW was awarded the Honor Award for his 15 plus years as the QCWA Treasurer. At that same ceremony Blanche Randles, W4GXZ was awarded the Member of the Year Award for her work as Taping Director for the Blind, and other numerous efforts in behalf of her chapter work. Both Wes and Blanche belong to the Pelican Chapter, and we are extremely proud to call them Pelican Members.

The Pelican "Big Brown Bird", Chicken Picnic is now history. The event was held at Lake Seminole Park with QCWA members attending from many of the chapters on the Gulf Coast side of Florida. The chicken dinner was catered and arranged for by Bill Bell, K4AVH. Before the meal there was an attitude adjustment hour, and after the delicious meal prizes were drawn.

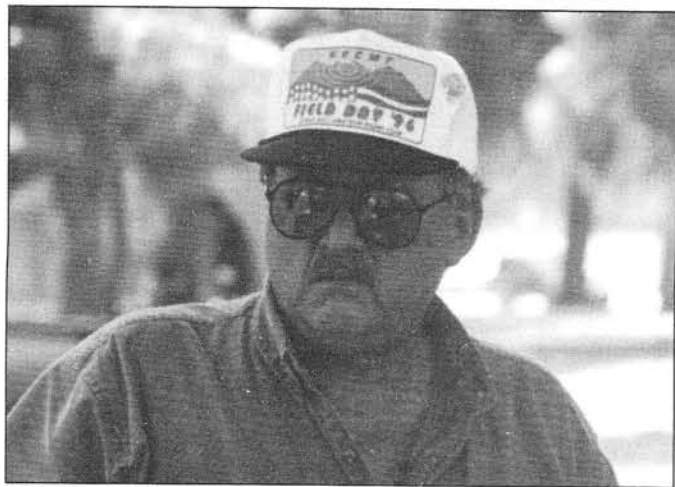
The Pelican Chapter, K9BSL QCWA Repeater has been reconfigured into a new cabinet, a new controller added, with autopatch, audio ID, and audio clock. Our frequency is 145.29-600, and the repeater is open to all who wish to use it.

Our nominating committee has been at work, officers were elected at the picnic and will be installed at the December meeting. Also at that time the Phil Stern Award will also be announced and the presentation made.

**K9BSL, Secretary**

### Chapter 130, Inland Empire

**T**he Inland Empire Chapter held its annual picnic at Sylvan Park in Redlands, California. The weather was typically hot, but a good crowd was present. All officers of the Chapter were in attendance. There was plenty of food and it was really enjoyed by all. There was no formal program, but a wonderful gabfest where we all had great eyeball QSOs. This



**Chapter 130 President, Phil Sedgwick, N6CMF.**

was a wonderful opportunity to meet the members and their XYs in person. There were about 20 people in attendance.

Note: W6EKM's XY Ruth, passed away on August 1, 1996. She was in attendance at the picnic. It was a great shock to learn of her passing. W6EKM is past Director of the South-Western Division ARRL.

### Chapter 138, Marconi

**T**he quarterly meeting of Marconi Chapter 138 of Central New Jersey was held at Howard Johnson's restaurant in Middletown, NJ on August 20, 1996. A total of 21 members were present. A special introduction was made of new member Bill Wadsworth, W2ZKE from Bridgewater. Other new members since the last meeting included John Krieg, K2ZGF from Atlantic Highlands; Vince Dalli, K2ONE from Colonia, and Dr. Herb Holzberg, KU2B from Sea Bright. Guests included Alan Sager, W2FGK and Jim Hawkins, WA2WHV. Absent were Secretary Bernie Ricciardi, WB2EJT and Vice President Joe Dreifuss, WA2GSY.

Health and Welfare reports: Walter Prang, KZ5WP (former W2HOZ) was at the meeting and looked fit after his quintuple bypass surgery. Al Allen, K2LG is doing well with his cancer although he has good days and bad days. He is scheduled for more chemotherapy later this month. George Miller, K2FD continues improving from his stroke of last December. He is slowly gaining use of his left arm. George Barthelemy, N4LLT (father-in-law of N4LXM) is recovering from bypass surgery.

Silent Keys included Ralph Burns, K2RB on June 15, 1996 and Harry Musselman, W2KIY on August 3, 1996. A moment of silence was observed for the Silent Keys.

Joe Dreifuss, WA2GSY is back from his job in California and willing to resume the duties of Vice President. Thanks to Joe Strockbine, W2KCO for filling in during the interim.

The National QCWA elections are over. New officers for the next two years starting September 1 are Jack Kelleher, W4ZC, President; Gary Harrison, WAØRWS, Vice President; John Swafford, W4HU, Secretary; and Duke Knief, W2YTO, Treasurer. Bob Buus, W2OD, made it as one of the 10 Directors.

After some discussion about changing the name of the Chapter from the CENTRAL NEW JERSEY CHAPTER 138, INC. to the MARCONI CHAPTER 138, INC., a vote was taken by a show of hands and 19 members present voted FOR the change

## Chapter Reports, continued

and 2 members voted AGAINST the change. Secretary Ricciardi, WB2EJT was not present but was holding all mail-in ballots unopened. He was contacted later in the day and the nine mail-in ballots were opened. There was one mail-in ballot FOR the change and 8 ballots AGAINST the change. Thus, the final total vote was 20 FOR the change and 10 AGAINST the change. The change carried by the required 2/3 vote.

President Bob Buus, W2OD named the following members to serve on a nominating committee to name a slate of officers for 1997-98: Arnold Peterson, AB2N, Larry Housman, W2GIS, and Bob McKinley, W2OMR. They will present a slate at the November 19 meeting.

**Bob Buus, W2OD**



**Chapter 142 had their 3rd Annual Pancake Breakfast July 16, 1996. Hosted by President Dave Walker, W8FKI and his wife, it was held in a private park in Michigan. All enjoyed the pleasant day, good company and more food than was good for them. After having their fill of pancakes, bacon, sausage, etc., a majority of the 25 members, XYL's and guests attending posed for posterity.**

### Chapter 142, NW Ohio

At the August 3 monthly breakfast meeting President Dave Walker continued with his distribution of awards and certificates. Those recognized this time all received "Years in Harness" certificates for having received their first license in 1946 or earlier. Homer Diefenthaler WB8ZKF, and Carl Fry, W8ZOL, both got their tickets at least 50 years ago; Jim Johnson W8RBX, and Bob Cowley W8SWR, both 55 years; Paul Wagner W8FB, 60 years; and Jim Purdy W8RF, received a 65 Year Certificate! When most of the chapter members were first licensed, we looked in awe at the "Old Timers".....and now, "WE IS THEM!!!"

According to treasurer Dave Alexander W8GD, the chapter now has a roster of 44 members. Over half of that number continue to gather for the meetings on the first Saturday morning each month. It provides a great place to chat with others having common interests, reminisce about the "Good Old Days", and discuss the tremendous changes in ham radio during the last half of the century and what the future may bring, good and/or bad.....and what, if anything, we can do about it.

Chapter 142 is alive and well and thriving in Toledo, Ohio!

**K.G. Bullock, W8YDJ**



**L to R: Jim Fahnestock, W0OA, North Colorado QCWA Chapter President, presents current repeater trustee, Cliff Baker, W0ITD, with certificate naming the NCARC machine an honorary Chapter 143 member commemorating the machine's completion of 25 years of amateur radio service. Clyde Glass, N0CG, the repeater's first trustee, and Bob Schmid, WA9FBO, NCARC President, witness the not-so-solemn ceremony at NCARC's breakfast meeting.**

### Chapter 143, North Colorado

The newest member of QCWA North Colorado Chapter QCWA was licensed 25 years ago, this month. Since that time W0UPS, (what a heyday for phonetic writers!) has since served the Northern Colorado Amateur Radio Club community with continuous, dependable round-the-clock service, faithfully responding to, and complying with, requests for communications services and message-handling assistance.

In order to accommodate the unusual status of this worthy QCWA candidate, Chapter cofounder Clyde Glass, N0CG, devised an ingenious membership category. In this case, membership in QCWA, Inc., was waived, as were dues and any necessity for meeting attendance and activity participation.

W0UPS is not a person. W0UPS is NCARC's 25-year old 146.25/85 repeater. "It" is now an honorary member of the Chapter thanks to Clyde's recollection of the repeater's first licensing in November of 1971. At that time, the idea of officially licensing repeaters was new. Clyde recalls many incredible hurdles, but he and others present at the time persisted. Clyde became the machine's first trustee.

Today, another Chapter cofounder, Cliff Baker, W0ITD is trustee. Most Chapter 143 members are NCARC members, and an amazing percentage of them were present when the 25/85 repeater was born. In fact, another cofounder, Sam Selders, W0HJX, preceded W0ITD as the system trustee.

The licensing ceremony was duly celebrated at one of NCARC's regular meetings. Two 35mm cameras were there to record the scene, and fortunately, half of them worked. A computer-generated certificate was presented by Chapter 143 president Jim Fahnestock, W0OA, to trustee Cliff Baker, with Clyde and NCARC president Bob Schmid, WA9FBO participating. A room full of NCARC members witnessed the not-so-solemn occasion. Welcome to the Club, W0UPS. Keep up the good work!

The chapter's summer picnic was again blessed by good weather and even better people. Highlight of the gathering was the introduction of the chapter's newest (human) member, Bob Jackson, WB8NPZ. Bob joined QCWA at the same time. He and



his lovely wife Jeanne lived close enough to the Ft. Collins city park to walk to and from the event. Bob lost his sight when he was just five years old, but you wouldn't know it to talk to him. He accepts this usually-debilitating handicap making it seem like a trivial inconvenience. Before we could volunteer to help him assemble his rather massive, ham shack, he had done it alone, by feel. He reads and writes (with a machine) Braille faster than most of us can send and receive CW. To see him zoom through a file cabinet of neatly filed publications and pick out the right one is unbelievable. Speaking of CW, he can hammer out 50 wpm and copy same while carrying on an eyeball conversation. Welcome aboard to you, too, Bob.

Next chapter activity is the get-ahead-of-the-Christmas-rush luncheon at the Eatin' Place in Eaton, Colorado. We mentioned NCARC? As close as our two organizations are, it seems we always schedule this event for the same day -- by sheer coincidence. Fortunately the Chapter get-together is a luncheon, and NCARC's a dinner. Imagine what THAT day does for dieters!

**Jim Fahnstock, W0OA, President**

#### Chapter 148, Hernando

The October meeting of the Hernando Chapter was held on Wednesday, the 16th at Pier 688 in Brooksville. There were 16 members and guests present. The "Snow Birds" have started to arrive back.

We will have our "Welcome Back Snowbirds" picnic on Wednesday, November 6th. Hope everyone will come and we will get to see a lot of friends we've missed all summer. Arrive any time after 10 and bring a dish to share. We will have charcoal fires for hot dogs, hamburgers, etc. For the benefit of some who haven't attended our motto is "bring eats and seats."

Our regular November meeting will be on Wednesday, November 20th at Pier 688.

The door prizes were won by Win, K1BUM and Andy, W40VF. Andy drew Win's and Win drew Andy's. Andy is in the process of joining National and will become a member of the chapter. We also have another future member planning to join, Horace, K4JHZ. We hope they will both come to the picnic and the next meeting.

Anniversaries for November are Will, K6JWS and Bonnie, KD6FIY; Chet, W1HGK and Ella; and Ron, WA8DOI and Mildred, KA8WKY.

**Eunice Gordon, W1UKR, Sec'y/Editor**

#### Chapter 149, Nutmeg

The meeting of August 10, 1996 was held at the 95 Gathering Place in the town of Wallingford. Sixty-three members and guests were present for the quarterly luncheon meeting.

President Wayne Shaffer, W3QAN, conducted the meeting, which commenced with the introduction of all the members and guests present. Reports by Secretary Don Steele, W1NFG, and Treasurer Owen Garner, W1SBM, were accepted. The audit committee, consisting of Bob Turner, W1JIO, Chairman; John Bergstedt, W1FCO, and Tom Guadiana, W1DCM, submitted their report. The financial books were found to be in excellent order.

President Wayne Shaffer reminded everyone that the QCWA National Convention was to be held in Ottawa, Canada on October 4th and 5th, and urged everyone to attend.

It was sadly reported that Frank Hubbard, K1FTY, became

a Silent Key.

Activities and Net Manager Cal Bennett, W1KHL, reported that the Nutmeg Chapter Net is very active with 16 to 18 check-ins each Sunday at 1130 local time - 3923 kHz.

QCWA Gold Certificates celebrating various years of amateur radio licensing were issued by President Wayne Shaffer, W3QAN, assisted by Harold Chase, W1EES, to the following Chapter members:

Norma Moskey, W1MUW - 55 years; Wade Holmcomb, W1GHU - 55 years; Tom Evans, W1JC - 60 years; Cal Bennett, W1KHL - 60 years; Tom Guadiana, W1DCM - 65 years; John Savonis, W1DBS - 65 years.

The speaking program arranged by Al Cohen, W1FXQ, was a presentation by Thomas Ganley, head of the Capitol Region Safety Council. He gave a talk on the Mobile Data Communications System in use by all Police Departments within the Capitol District Region.

**Walt Kornacki, W1YOC, Vice-President**



**Bob Rose, K6KRZ and Sid Rose (no relation) at opening meeting of Chapter 154.**

#### Chapter 154, Leo Meyerson, Greater Palm Springs

Leo returned to the desert in November, which is reason enough to give good cheer for the season as the snow birds arrive to fill out the meeting slots at the monthly sessions in Desert Hot Springs. In the first meeting, the group discussed in roundtable fashion the page 41 article in the Fall Journal, "Ham Radio at the Crossroads". The members voted almost unanimously, as most oldtimers do, to retain CW as an important part of ham radio licensing.

President Bob Rose, K6KRZ, is well into the final stages of his planning for the big Spring QCWA Luncheon to be held at the Indian Wells Hotel. The attendees will come from all of the surrounding counties and the Phoenix, Arizona area. It will be held at a new venue this year, but the format will remain substantially the same, including a cocktail party and a dinner party at a Coachella Valley night club on Friday and two ham related seminars, Lew McCoy on antennas and Jack Kelleher, QCWA president on FCC regulations, preceding the luncheon on Saturday. Don Doughty, W6EEN, Chairman of the 1998 National QCWA Convention to be sponsored by the chapter, will reveal some of his preliminary plans at the luncheon. Leo has sent word ahead that he has spent the summer in Omaha collecting prizes for the spring event.

**Sid Rose, W9VKC**

## Chapter Reports, continued

### Chapter 155, The Virginia Chapter

The Virginia Chapter of QCWA recently held a meeting at the Outback Steak House in Charlottesville. Since this was a dinner meeting spouses and significant others were invited.

The high point of the evening was the presentation of a 50-year certificate to W2HD by Chapter Chairman, KM4DU. Obviously a turn of events since Harry, W2HD is normally seen in this publication as one who gives out certificates.

Elections were held by the Chapter earlier this year. KM4DU was elected as Chairman and W4DGN will continue to serve in the capacity of Secretary. W2EIU was appointed Sergeant-at-arms. The Chapter plans a membership drive shortly after first of the year.

In attendance were W2HD, W2EIU, W2HTJ, W4OFR, KM4DU, W3HXX, W6UZ, W4KHV and K4RBZ. A good time was had by all.

**Bob Pattison, KM4DU, Chairman**



L to R: WB6YNH; WA7NQL; KF7YZ; W7KOP; W7OSH & K7ZZM

### Chapter 160, Utah

Our year started with a bang, 53 members and guests journeyed to Mesquite, Nevada for our 8th annual Mesquite Frolic. It was a most enjoyable time.

We elected a new president for our chapter, Keith "Red" Anderson, W7LQU. Red and his lovely wife, Eileen, live in Ribby, Idaho, and have always been enthusiastic about QCWA and our chapter activities. We are indeed fortunate that he has accepted this challenge.

We gave out four (4) Golden Certificates: a 65-year to Herb Wright, W7BE; a 60-year to Dick Beckham, W7FVM; and Ray Larsen, W7NMK; and a 50-year to Carl Spencer, W7JHM.

The Wyoming, Idaho, Montana, Utah Hamfest was held in Park City, Utah. About 450 attended seminars, swap fest, ice cream social and sock hop, banquet, and the Sunday morning breakfast. There were a few more socials this year than in the past, also the Park City Arts Festival was the same weekend, so there was a lot of activity with plenty to do and see.

The Fall picnic was at Wasatch Mountain State Park in Midway, Utah, the weather was nice and the fall colors were

just starting to show. A good time was had by all.

Thanks to all the chapter members for their support. We'll see you in Mesquite, March 24th.

**Maryellen Vaughan, Sec/Treas**



Larry McCalvy, WA9JMO receives the QCWA Meritorious Award from President Ken Knoff, N9NBC at the Wisconsin All-Chapter meeting at Oshkosh, Wisconsin, August 24, 1996.

### Chapter 162, Southeast Wisconsin

The chapter held its annual picnic on Sunday, August 18th at 1:00 p.m. at the rural home of Larry McCalvy, WA9JMO and his wife Wendy, N9PAC. The chapter provided watermelon and soft drinks, and Larry provided charcoal grills and roasted sweet corn. The affair, blessed with good weather, was attended by 28 members, wives and guests, who all enjoyed the beautiful surroundings and good fellowship. Two new members joined the chapter at the picnic, Mike Anderson, WV7T and his wife Rhoda, KB2BZY. A report on the chapter Field Day effort revealed 57 phone contacts, 18 CW contacts and one packet contact. President Ken Knoff, N9NBC, appointed four members to a Field Day Committee for 1997, with Bill Komistra, W9OVZ as chairman.

The chapter also took part in an All-Wisconsin-Chapters meeting and dinner at Oshkosh, Wisconsin, on Saturday, August 24. Fourteen chapter members and wives attended. Bob Jensen, W0WLN, gave a presentation on his experiences as a prisoner of war in Germany in World War II. President Ken presented a QCWA Meritorious Award to Larry, WA9JMO, for his many contributions to chapter activities in the past.

The September meeting was opened at 7:30 p.m. on Monday, September 16 at the Southport restaurant in Kenosha, attended by 11 members and 3 wives. Dave Weingart, AA9PK, attended and joined the chapter, bringing our membership to 25. Chapter name badges were presented by President Ken, N9NBC to Mike and Rhoda, WV7T and KB2BZY who had joined the chapter the previous month. The Nominating Committee presented 7 candidates for the four director slots to open in October. President Ken appointed Fern, W9LCJ, Steve, K9ZL, Mike, WV7T and Bob, WB9IJJ as a committee to select the 1996 winner of the Olie Fox Award, established by the chapter last year in honor of K9AKG, now a Silent Key. A suggestion was made that the chapter operate a special events station, perhaps in October 1997, to help celebrate the QCWA 50th Anniversary.



Sunday October 20 saw the chapter meeting at the Fire-side restaurant in Kenosha for the Annual Meeting and elections. After a fine meal at chapter expense, election of four directors was held with Larry, WA9JMO being re-elected and Bob, WB9IY, Ed, W9NVK, and Spence, W9LDH being elected. Election of officers was delayed until all directors could be present. A presentation on a proposed ham radio cruise in the Caribbean in 1997 was made by Cheryl Miller, WS9P, employed by Cruise Commanders travel agency. President Ken presented a chapter name badge to Dave, AA9PK, who had joined the chapter at the previous meeting.

**Robert N. Jensen, WØWLN, Secretary/Treasurer**

### Chapter 166, Colonial

One of our charter members Harold Fox W3AA, now a Silent Key, has been honored by having his call W3AA assigned to the Franklin Institute and Science Museum in Philadelphia, Pa. The station is sponsored and maintained by the Philmont Mobile Radio Club. Operators are on duty whenever the museum is open. If you bring your license with you, you can operate this beautiful station. Well worthy of a visit.

We had the pleasure of meeting with Delaware Valley Chapter 5 on September 11th at the Town & Country Restaurant in Bordentown, N.J. to honor Jack Williamson, W3GC, who received the Roll of Honor Award from National Headquarters for his many and varied contributions to Ham Radio. National President Jack Kelleher W4ZC made the presentation. There was a big turnout.

Our October meeting held at Granite Farms in Media, Pa was well attended. A fine lunch was served, after which those who wished adjourned to the auditorium for an excellent program on the internet. The ladies were treated to a tour of the facilities by Alice Faries XYL of W3AOA.

The Christmas Party will be held at Ludwigs Inn, Ludwigs Corner, PA. This is always a social affair with no formal speaker. All the ladies receive a gift from the Chapter.

We continue to encourage participation in our Tuesday evening net 147.210 at 7:30PM

Again I would like to remind everyone of our breakfast meetings, the second Tuesday of every month. Everyone gets a notice of the location of the restaurant.

Anyone traveling in the Southeastern Pennsylvania area is welcome to contact us on 147.210 and join us in our affairs.

We congratulate all those who were elected to posts as QCWA Officers and Board of Directors. Looks like a fine year for our organization.

From all the Officers of Chapter 166 we wish everyone a pleasant winter and the happiest of holidays.

**Charlie Stouth, W3ZPP**

### Chapter 168, Oregon Trail

Eighteen members and six guests were present at our well attended luncheon/meeting on Saturday Oct. 12, 1996 at J J North's Grand Buffet Restaurant in NE Portland.

Two new members were added to our Chapter rolls on that date. They are Ray Perkins, K7IU, of Gresham, OR and Phil LoPiparo, N7FTE, of Milwaukie, OR. This brings our Chapter membership to 35.

Following the luncheon, Chapter Pres. Bill Payne, K7TDO, called our meeting to order. Under new business was the elec-

tion of officers to serve the Chapter thru 1997. It was moved and seconded that we retain the present officers. Motion carried. Since we did not have a Vice President prior to this date nominations were open from the floor to fill this vacancy. John Brown, K7USZ, was nominated and seconded for this office. No further nominations were made, so John was declared our new Vice Pres.

So, for 1997 the Chapter officers are, Bill Payne, K7TDO, Pres; John Brown, Vice Pres; Fred Behrman, K7LNS, Sec'y/Treas; and Board members Hal Potter, K7RQ and Bill Blaumer, K7ZED.

It was reported that member George Wise, W7MB is ill at home and could have short visitations at this time.

Under good of the order we had very good member participation in the self introduction. This was a short biography of how each of us found our way into amateur radio. This proved to be most interesting for all. Many members commented how well they enjoyed hearing from all attending. This created much conversation among the members later.

At our drawing the door prizes donated by our President were given to the lucky ticket holders. Winners were, Bill, K7ZED, a multipurpose mini lamp; Ralph, K8MHU, set of headphones; Walt, W7ERA, mini boom box radio and Roy, W7FLK, a handy tool kit.

Our next scheduled luncheon/meeting will be on April 12, 1997.

My personal thanks go to Russ Markwart, K7VNS for his generous gift of his time and energy by printing up meeting notices, mailing labels and membership rosters.

**Fred Behrman, K7LNS, Sec'y/Treas**

### Chapter 181, Hudson Valley

The chapter's third meeting of the year was held on October 12, and was attended by 27 members and guests. It was held at the Amalfi Restaurant in Briarcliff Manor, NY. President Dick Robinson, W2OZA, extended greetings to all.

We were visited by Frank Fallon, N2FF, a candidate for ARRL Hudson Division Director and J.P. Kleinhaus, AA2DU, candidate for Vice Director. Frank is a QCWA Life Member. We had been visited by Rich Sandell, WK6R, the incumbent director by appointment at the previous meeting. Short position statements were given by each individual.

The featured speaker was professional photographer Mano Orel. Mano presented a colorful series of slides he had taken in California. San Francisco, Yosemite, Hearst Castle at San Simeon and the coast near Monterey were featured locations. The general reaction was the show was too short!

In our "how we became hams" series, Ted Schimenti, K2LBJ, told how he had seen an active ham station in operation in his youth and decided this was for him. He studied the technical material and practiced Morse code until he was able to pass the FCC exam and become a ham.

It was noted by Dick O'Brien, NJ2J, that the chapter had contributed to the national scholarship fund in memory of former member Milt Chaffee, W1EFW. Also two scholarship applications were sponsored by the chapter. Both students did receive scholarships and sent thank you notes. Harry Moore, W2JQS, reported on attending with Dick Robinson, W2OZA, a special meeting of Chapter 5, Delaware Valley.

The October 12 meeting closed with a prize drawing conducted by Harry Moore, W2JQS.

**Dick O'Brien, NJ2J, Secretary**

## Chapter Reports, continued

### Chapter 195, Sun City Center

The meeting of the Sun City Center Chapter 195 of QCWA met at Maggie's Restaurant, on September 12, 1996. The meeting was called to order by President Leo Witkowski, K1QPJ, at 11:40 AM. Leo led the Pledge of Allegiance. He thanked the 17 hams and 3 guest who attended and asked each to introduce themselves.

The President, with sadness, reported that Ray Swensen, KS4XM, a charter member of this Chapter became a Silent Key on May 31st. We observed a moment of silence.

The Secretary's report was read and accepted. The Treasurer reported a balance of \$148.95. The report was accepted.

New Business. Volunteers for a Nominating Committee were requested. Al Brawley, K5HOK, will be chairman, and Ed O'Reilly, WA2RAP, assistant. Ed O'Reilly suggested Chapter donate \$25 to QCWA Scholarship Fund in memory of Ray Swensen, KS4XM. Members present approved the expenditure, and the President asked George Guler, WØOIR, to send the check.

#### Announcements:

Ed Coxey, W2AFD celebrated his 90th birthday on September 9. Kay and Ed Anderson, W8DUV and W8DUW, recently celebrated their 50th wedding anniversary.

Jerry Engle upgraded to Extra Class. His new call is AE4WZ.

Art Seltzer received his old call back, W4EFL.

John Bowker, WA2WEN, said the Sun City Center Radio Club, Kings Point Radio Club, and Sharks will have a table to sell equipment at the Tampa Hamfest, for anyone interested.

Alan Pickering, KJ9N, invited all to the QCWA Annual Picnic on November 20th at noon. He will bring tickets to our next meeting for those interested.

Ed Coxey, W2AFD, suggested we contact Bob Perrin, W8PCZ, to put a message on the local repeater of our next meeting, November 14, 1996.

Alan Pickering told of his visit to Kit Peak in Arizona, and that he was able to count the sunspots.

Kay Anderson, W8DUV, announced that her BBS is no longer in service. The closest one is KD4INY, George Ambrose. He is on the same frequency, 145.01, and uses the same program.

The meeting was adjourned at 1:15 PM.

**Lorraine Witkowski, WA1EDR, Secretary**

### Chapter 196, Edison

The Edison Chapter has recently been chartered and is active in the Ft. Myers, Florida area. Chapter 196 was named in honor of the famous inventor Thomas A. Edison, who enjoyed a winter residence along the beautiful Caloosahatchee River in Ft. Myers. Edison's home, botanical gardens and laboratories are now a very popular museum and tourist attraction site.

The wheels of this organization began turning in September of 1995. With the help and encouragement of former QCWA Director Ed Yoder, W3YMB, and QCWA General Manager, Jim Walsh, W7LVN, Chapter 196 is up and running 5 X 9!

An original group of over 20 local hams who met the requirements of the QCWA was the spark of excitement that kept things going in the right direction. On May 30, 1996, Chapter 196 became chartered.

As of this writing our meetings are being held at the training center auditorium of the Southwest Florida International Airport (RSW). We assemble from 10 AM to noon on the 4th Wednesday of every other month (the odd numbered months). In the future, we will be meeting at a local eatery for social get-togethers, and formal business meetings will be at RSW. Times and dates will be announced.

Interestingly, the Southwest Florida International Airport has formed a partnership recently with the Stuttgart, Germany Airport. I am anxiously awaiting making contact with some of our European QCWA members and sharing experiences with them. At some point, a club station may be set up at RSW and we will be able to welcome traveling ham operators to our area and offer them the hospitality of a ham shack away from home.

At our first meeting, we were welcomed to the Airport Training Center by Mr. Dan Schult, AAE, who is the Human Resource Director of the Lee County Port Authority and Mr. Norm Mather who is the training coordinator for the Port Authority Personnel. Both gentlemen expressed appreciation for the amateur radio service and are very supportive of Chapter 196.

The 2nd meeting was in July and it featured an inspiring movie about human survival as narrated by a former prisoner of war.

Our 3rd meeting was held in September. We were privileged to have the company of Mr. Bobby Orick who is the Airside Operations Manager and disaster Preparedness Officer at RSW. Mr. Orick provided us with an exceptional bus tour and explained the future expansion plans that include a parallel runway, a mid-field terminal and the purchase of additional land mitigation properties.

Chapter 196 is not on the air with a scheduled net but one of our members, Jim Hall, W3IJR runs a morning "Rooster Roster" at 0730 hrs on the local 147.345-945 MHz repeater.

Most of our membership checks in with Jim and he keeps us updated with current affairs. Harry Arnold, K9ALX, runs the local traffic net on 146.88-28 MHz at 1000 hrs and he also makes announcements for Chapter 196.

The Ft. Myers Amateur Radio Club is kind enough to mention us and our activities in their monthly news letter called "The Modulator." Many thanks to that fine radio club.

We will be having 50/50 raffles to help us buy our QCWA chapter banner. It may take us a while to meet that goal because we are new and still small but it is a goal that is very worthwhile.

Two of our members are seasonal residents. We look forward to NZ3D and W3YMB returning for the winter.

The Secretary/Treasurer of Chapter 196 is Jan Scheverman, WB2JCE. Jan is a CW nut and can also be contacted thru her e-mail address, ylham@IX.netcom.com

Let this report act as an open invitation to our counterpart members from other chapters and all amateurs visiting our area to attend our meetings.

**Tad Burik, WA8PXL, President**

The JOURNAL is available free to blind paid-up members on audio cassette tape. For more information, contact Blanche Randles, W4GXZ, (May 1-October 1) 44 Western Ln., Amherst, MA 01002. 413-253-2858; (October 1-May 1), 6002 N. Fremont, Tampa, FL 33604, 813-870-0867.





**A photograph of a glacier, taken from the aircraft.**

cal Observatory and NOAA Satellite Command Facility. We were welcomed there by the management and given a personalized tour. As a sidelight, the NASA facility is used by AMSAT President Emeritus and Board Member, Dr. Tom Clark, W3IWI, for one of the sites in his Radio Astronomy Interferometry project for NASA which measures land mass drift to a great degree of precision. Dr. Tom, along with Rick, KL7RA, have also used the 85 ft. dish at this site for EME Expeditions. On the return to town, we also visited the Experimental Wildlife Management Farm and the Museum of the University of Alaska at Fairbanks.

On the next day, we had to cancel plans to go to the North slope again due to weather. Instead, we proceeded to Circle Hot Springs for a day at the annual Miner's Picnic and an evening at the Circle Hot Springs Resort. The Miner's Picnic is a mid-Summer celebration and day of rest for the miners around Central, AK. It featured contests, auctions, and a good Barbecue lunch. The Circle Hot Springs Resort is a unique place, built in the 1930s, on the site of a Hot Spring. It features a large outdoor pool that is usable all year long due to the abundant hot water. As a matter of fact, all of the water in the resort is hot, directly from the Hot Spring, and requires approximately a one hour wait after drawing a bath before it is cool enough to bathe. Tap water must also be allowed to "out gas" and cool before drinking. Live entertainment was available in the Bar that evening and was a good way to end the day.

We proceeded on to Northway the next day for gas prior to going to Dawson City, Yukon. We picked up the Yukon River between Northway and Dawson City and followed it North to its confluence with the Klondike River at Dawson City. Dawson City was the headquarters of the Klondike Gold Rush of 1898 and, this year, is celebrating the 100th Anniversary of the Klondike Gold Discovery. The town is very tourist oriented these days, but in a very delightful way. We saw and talked to a real Canadian Mountie, attended the 1996 Gaslight Follies at the Palace Grand Theater, and The Diamond Tooth Gertie's Show at Diamond Tooth Gertie's Casino. We visited several other local attractions including Robert Service's cabin. On a previous trip, we had also visited the Discovery Claim and a very large gold dredge that is being restored. Gold mining is still a major local industry.

Early the next morning, there was a ray of hope (or sunshine) that we might be able to make a dash up to Inuvik, NWT, and a quick hello to John Boudreau, VE8EV, but the ray soon vanished and we proceeded on to Whitehorse for the second time this trip and the start of our return. We flew back down the Alaska Highway past Watson Lake, gas and lunch at Fort Nelson, and on to Grande Prairie for the last night before the end of the tour. On the last day, we flew on down to Calgary, Alberta, for the official end of the tour. We had a "Going Away Dinner" that evening and said our "Good Byes" for this trip. We all realized that we missed some of the major objectives of the trip, but that it was beyond anyone's control. Jerry, the tour director, received our appreciation for a job well done in the face of adversity. In the final analysis we were in the right place on the right night on the first night of the tour and on the last three nights. The rest of the time Jerry was making new arrangements every day when it was determined where we would be able to go that day. Since weather is an ever present part of Alaska Bush Flying, I think we can say we had a good (or bad) sample of it this trip.

The return to Fort Worth was essentially a retrace of the trip up. We cleared US Customs again at Great Falls and said our good bye to Jack, KB7UZ, on the Great Falls Repeater. Once again, thunderstorms were predicted at the end of the trip and it had already been a long day so we spent an extra night in Garden City, KS, before returning to Fort Worth. It was a great trip and I would recommend it to anyone that is interested in flying. It is truly a unique experience.

#### **SATELLITE STATUS -**

Since last report, UNAMSAT, has been successfully launched and named Mexico OSCAR 30 or MO-30; however, problems have developed in the satellite and it still is not in commission. The SAFEX II Experiment on MIR is gaining a lot of use and John Blaha, KC5TZQ, is operating frequently on the two-meter frequencies. An International Controversy over the two-meter operating frequencies for MIR has developed and is in a state of flux at this time. OSCAR 13 is nearing re-entry at this time. The orbit is changing daily due to drag experienced during its very low perigee. Doomsday for AO-13 is currently predicted to be 5 December 1996 with it becoming un-usable in late November. Good Bye to an old friend!

#### **CONCLUSION -**

I hope you have enjoyed this departure from the usual Amateur Radio Satellite News. It has been fun putting it together and it was certainly fun, but sometimes frustrating, while on the trip. W5IU

# New Members

DATE	NUMBER	NAME	CALL	CITY	STATE	SPONSOR
07/29/1996	28411	MOODY, CHARLES M	W3TXF	PASADENA	MD	JOHN PURCELL, W3VQY
07/31/1996	28412	CURRY, JOSEPH J	K3ICO	LOS ALTOS	CA	- -
08/01/1996	28413	CHAPMAN, JOHN W	WB8INY	GAHANNA	OH	- -
08/05/1996	28414	ALLEN, ROBERT J	WBØFVK	BLYTHEDALE	MO	- -
08/05/1996	28415	HALL, HAROLD H	KA5AGM	OKLAHOMA CITY	OK	- -
08/05/1996	28416	HARRISON, JAMES M JR	W4TFT	HENDERSONVILLE	NC	H C KNIEF, W2YTO
08/05/1996	28417	LITTLE, GLENN E	WB4UIV	GOOSE CREEK	SC	BRYCE N MYERS, K4LXF
08/06/1996	28418	GIBLIN, PETER F	WA8HFY	STRONGSVILLE	OH	R E ANDERSON, W8ETI
08/06/1996	28419	MINER, MARK S	K3KXR	PARADISE VALLEY	AZ	- -
08/07/1996	28420	FITZPATRICK, W H	KBØYD	ANAMOSA	IA	- -
08/07/1996	28421	HANSMEIER, RAYM	KJ7O	WARRENTON	OR	- -
08/08/1996	28422	CALLAWAY, COLEMAN P	N4IM	GEORGETOWN	TX	- -
08/08/1996	28423	DARWACTOR, PAUL H	W8ZD	FINDLAY	OH	RICHARD E DAVIES, K8IVP
08/08/1996	28424	LASH, EDWARD	W8POS	HUNTINGTON WOODS	MI	- -
08/12/1996	28425	ROSNER, RICHARD L	N2STU	WEST SAYVILLE	NY	- -
08/12/1996	28426	FORD, JOE B	K4NVJ	ALABASTER	AL	- -
08/12/1996	28427	STANDORF, GARY P	KB2Y	OX TINTON FALLS	NJ	- -
08/13/1996	28428	BROWN, LEE M	KD4YQ	NAPLES	FL	- -
08/13/1996	28429	MOSELEY, NORMAN C	W4YVY	TARBORO	NC	BILL HUTCHINS, KM4UO
08/13/1996	28430	TRAMPLER, JOHN B	KFØUI	SPRINGFIELD	MO	GARY HARRISON, WAØRWS
08/14/1996	28431	KEOWN, ROBERT W	WA3QID	WILMINGTON	DE	RICHARD ARONSON, K2RVM
08/15/1996	28432	BLUMENSTOCK, M H	NØALI	PLEASANT HOPE	MO	- -
08/16/1996	28433	IERLAN, LOIS G	WA2RXO	OGDENSBURG	NY	BLANCHE RANDLES, W4GXZ
08/16/1996	28434	TETMEYER, HARVEY	K5LJM	SUN CITY	AZ	RALPH BARR, WØDNO
08/19/1996	28435	GOTO, RYOZO	JH3JYS	OSAKA	JAPAN	- -
08/19/1996	28436	TANAKA, YUTAKA	JH3DPB	HYOGO	JAPAN	- -
08/19/1996	28437	BOWER, DAVID L	K4PZT	KNOXVILLE	TN	J V GIESLER JR, W4TYU
08/19/1996	28438	EASON, DENNIS A	VE3BRO	SCARBOROUGH	ON	TONY FEGAN, VE3QF
08/19/1996	28439	MATTERN, ROBERT V	KF5WS	SEABROOK	TX	JOHN TURNER, WA5LOO
08/23/1996	28440	JONES, REED	KØFOG	MT PLEASANT	IA	- -
08/23/1996	28441	MITCHELL, MIZELL	W4TOS	CANTON	GA	E F BIGBIE, W4MMQ
08/26/1996	28442	KING, GERRY	VE3GK	OTTAWA	ON	W G ROACH, VE3BNO
08/28/1996	28443	PHILLIPS, CHARLES O	N4EZV	DUNKIRK	MD	- -
08/28/1996	28444	ROBINSON, MUNSON	W8TOM	ASHEVILLE	NC	H C KNIEF, W2YTO
08/29/1996	28445	RALPH, BERTRAM J	AD4IX	PONCE INLET	FL	- -
08/29/1996	28446	WILLIAMS, HOWARD J	WB4PBX	HOMESTEAD	FL	J S ELSTON, KP2X
08/29/1996	28447	PALMER, WILLIAM K	AA5JI EL	RENO	OK	- -
08/30/1996	28448	CONNER, BOBBY L	WAØBKS	ROZEL	KS	HARVEY C TEWES, WAØOZP
09/03/1996	28449	METZLER, DOUGLAS H	AE4HA	HENDERSONVILLE	NC	H C KNIEF, W2YTO
09/03/1996	28450	TANNER, JERRY L	WA5NSU	MARSHALL	TX	ROGER LEY, WA9PZL
09/03/1996	28451	BAKER, WILLIAM K	K4QMH	JASPER	AL	- -
09/03/1996	28452	FOX, EARL D	W4DWR	MC LEANSVILLE	NC	HENRY ELWELL, N4UH
09/03/1996	28453	WARREN, HARVEY B	N4EUH	DECATUR	GA	- -
09/03/1996	28454	COHEN, EDWIN B	WB2SFX	BROWNS MILLS	NJ	DON FIELD, W2UAE
09/06/1996	28455	BERNLOHR, GEORGE L	W3WXZ	BUTLER	PA	GERALD H WETZEL, W3DMB
09/06/1996	28456	MURRAY, W WALLACE	KE8HR	MILFORD	MI	RICHARD J. MONDRO, WA4FQT
09/09/1996	28457	GEE, RUSSELL M	WA8DCK	WALDRON	MI	CURRIN L SKUTT, W8FSZ
09/09/1996	28458	NORMAN, RICHARD A	W5ZUA	KEITHVILLE	LA	ROGER LEY, WA9PZL
09/09/1996	28459	SANDIDGE, SAM C	WD4OMA	BRISTOL	TN	W A OWEN, W4VS
09/09/1996	28460	SANFORD, PHILLIP A	AF8H	HUNTINGTON	WV	- -
09/09/1996	28461	BROOKS, JAMES C	W5PYH	OKLAHOMA CITY	OK	- -
09/09/1996	28462	CAMPBELL, LESLIE W	KØJBN	WICHITA	KS	- -
09/09/1996	28463	SEYMOUR, ARTHUR G	K6MZN	EUREKA	CA	L D SHALLENBERGER, K6VHP
09/10/1996	28464	AMBRY, WILLIAM J	VE3WA	CALGARY	AB	L C CARD, VE6CA
09/12/1996	28465	JACKSON, ROBERT E	WB8NPZ	FORT COLLINS	CO	- -
09/12/1996	28466	JEWELER, NORMAN	K3LYW	FREDERICK	MD	RICHARD A STALLS, K4KYO
09/12/1996	28467	METZGER, DANIEL L	K8JWR	LAMBERTVILLE	MI	- -

DATE	NUMBER	NAME	CALL	CITY	STATE	SPONSOR
09/13/1996	28468	NEEDHAM, JAMES O	W4BNY	ROME	NY	JIM CHASE, W2VGE
09/13/1996	28469	NORONA, MARY JANE	WA8WCK	BUCKHANNON	WV	- -
09/13/1996	28470	WILLINGHAM, C E	AB5MY	GUN BARREL CITY	TX	RAY HENNINGTON, W5IWE
09/16/1996	28471	KOTT, KENNETH G	W8ROG	ROSEVILLE	MI	- -
09/18/1996	28472	BLAIR, CHARLES D	WB8BSE	BLOOMFIELD HILLS	MI	- -
09/19/1996	28473	BUSKA, DONALD A	N9OO	KENOSHA	WI	- -
09/19/1996	28474	MEEKINS, TINSLEY JR	K3RUQ	E NEW MARKET	MD	WILLIAM KUNING, W3BY
09/19/1996	28475	POHL, GLENN A	K8IYZ	HOMOSASSA SPRINGS	FL	- -
09/20/1996	28476	ROSENTHAL, MARK A	N6BVP	RIDGECREST	CA	- -
09/20/1996	28477	WEINGART, DAVID T	AA9PK	NORTHBROOK	IL	WILLIAM E HAWES, W9ERG
09/23/1996	28478	LENTINI, MICHAEL A	W1VLA	NEW BRITAIN	CT	ALEXANDER COHEN , W1FXQ
09/24/1996	28479	MARTIN, THOMAS E	KØAMD	OMAHA	NE	- -
09/24/1996	28480	SHARP, CHARLES B JR	WH6LL	KEKAHA	HI	- -
09/24/1996	28481	HACKWORTH, TERRY R	K5HP	PIEDMDONT	OK	- -
09/25/1996	28482	JAMROGOWICZ, KEN	WB2PSD	PARSIPPANY	NJ	TAD BURIK, WA8PXL
09/21/1996	28483	ISRAEL, HENRY D	N5IH	YUKON	OK	- -
09/27/1996	28484	BRUNK, ROBERT D	N6KIX	DAVIS	CA	M J HENSON, W6NKR
09/27/1996	28485	TANNER, ALAN M	WAØFAX	FAIRBORN	OH	- -
09/30/1996	28486	BARNHARDT, JOHN J M	VE3ZOV	OTTAWA	ON	- -
09/30/1996	28487	CALDWELL, JAMES L	WB5IHG	AUSTIN	TX	HOWARD GLUECK , K5ZUA
09/30/1996	28488	DAVIS, DONALD W	WA5ZXB	OKLAHOMA CITY	OK	- -
09/30/1996	28489	NEHEZ, STEPHEN A	NX3I	ERIE	PA	HENRY SCHULTZ, W13U
09/30/1996	28490	ROBERTS, WILLIAM J	WA8UVW	STERLING HEIGHTS	MI	- -
10/10/1996	28491	BLAU, GARY W	WB3IRN	PHOENIX	AZ	- -
10/10/1996	28492	BOWER, DONALD R	VE3BEF	OTTAWA	ON	KEITH BEDAL, VE3GFI
10/10/1996	28493	CHAPMAN, PAUL D	N6IGS	SAN FRANCISCO	CA	- -
10/10/1996	28494	CLARK, JAMES J	WA4HRT	KINGSPORT	TN	CHARLES K PERRY, WB4OZX
10/10/1996	28495	CORTIS, ALFRED J	W1VFP	NEW PORT RICHEY	FL	- -
10/10/1996	28496	GILCREASE, RICHARD	WAØOQA	SCOTT CITY	KS	- -
10/10/1996	28497	KIRK, CORKY	W6ORS	HILO	HI	DEAN MANLEY, KH6B
10/10/1996	28498	LANESE, PHILIP M	K2IBP	NEWARK	DE	RICHARD ARONSON, K2RVM
10/10/1996	28499	MC GAVRAN, H G JR	W5PNY	LOS ALAMOS	NM	- -
10/10/1996	28500	MONTGOMERY, R C	W5PRF	NEWALLA	OK	- -
10/10/1996	28501	PEACOCK, GEORGE S	W4WYV	RALEIGH	NC	- -
10/10/1996	28502	VOSPER, LAWRENCE E	KB7VT	VIRGINIA CITY	NV	LARRY E OAKLEY, W7AAA
10/10/1996	28503	WEBSTER, JERRY H	K7ENP	FOX ISLAND	WA	- -
10/10/1996	28504	WOOD, JOHN O	WA5IPQ	VIENNA	VA	TONY STALLS, K4KYO
10/11/1996	28505	ROSS, STANLEY M	K5VR	TONTITOWN	AR	- -
10/16/1996	28506	CLUETT, JAMES	W1PID	SANBORNTON	NH	- -
10/16/1996	28507	KILGORE, JEFFREY S	KC1MK	GEORGETOWN	TX	- -
10/16/1996	28508	ZONER, ROBERT L	W1IBS	LISBON	CT	- -
10/17/1996	28509	SINGLETARY, R P	W5MCM	OKLAHOMA CITY	OK	GNEN NAILON, K5DLE
10/18/1996	28510	BUCK, JOHN	AH6NT	KAMUELA	HI	DEAN MANLEY, KH6B
10/18/1996	28511	FRIEND, MAYNARD	KH6JAW	PAHOA	HI	DEAN MANLEY, KH6B
10/18/1996	28512	GALASSO, PHILIP E	K2PG	WEST CREEK	NJ	- -
10/18/1996	28513	MARTIN, STEPHEN E	NK3R	WOODBIDGE	VA	- -
10/21/1996	28514	BURDICK, KENNETH	K5UAB	OKALHOMA CITY	OK	- -
10/21/1996	28515	KESAUER, MARK K	N7KKQ	GLENDALE	AZ	- -
10/21/1996	28516	BARKER, THOMAS F	WA1HRH	SWANZEY	NH	- -
10/21/1996	28517	SHELDON, DAVID R	KC7X	MESA	AZ	RALPH BARR, WØDNO
10/21/1996	28518	SOCASH, ANDREW JR	W4OVF	BROOKSVILLE	FL	EUNICE GORDON, W1UKR
10/24/1996	28519	LYON, SEABURY A	AA1MY	BETHEL	CT	HAROLD CHASE, W1EES
10/24/1996	28520	YORK, CHARLES M	WA5FFG	OKLAHOMA CITY	OK	GENE NAILON, K5DLE
10/25/1996	28521	HADDOCK, W S JR	WA5EJQ	HOUSTON	TX	- -
10/25/1996	28522	HUNT, JOE N JR	WB4HMA	NASHVILLE	TN	- -
10/28/1996	28523	BABCOCK, ROBERT S	WB6MWY	EXETER	CA	STANLEY R BABCOCK, AC6T
10/28/1996	28524	NISHIYAMA, HARRY K	KH6FKG	HILO	HI	DEAN MANLEY, KH6B
10/28/1996	28525	TOEDTER, HEINRICH	DL4HBT	TOSTEDT,	GERM	W LEMBCKE, DL1ZC
10/28/1996	28526	ADAMS, THOMAS A	K9TA	MADISON	WI	- -
10/28/1996	28527	BISBY, ROGER R	KD0EX	INDEPENDENCE	MO	HERB KOCH, KZ6E
10/28/1996	28528	THREATT, JAMES R	NO9Y	MT VERNON	IL	- -



# NATIONAL CONVENTION--OTTAWA CANADA

## October 4-5 1996

by Marguerite B. Troster, KC6NFE and John G. Troster, W6ISQ

**T**he announcement from Ottawa QCWA Chapter for the Annual Convention said, "Autumn in the Beautiful Ottawa Valley at the Citadel Inn" And it was, autumn with lovely colors dotting the indeed beautiful Ottawa Valley. KC6NFE, that's the wife, and I arrived a day early. This is how we like to do it, conquer the jet lag, unpack, relax before the fray. That and the fact that we couldn't get an airline ticket to arrive on Wednesday with the rest of the Board! Must have been all the folks coming to the Convention.

This Board meeting was particularly notable. We welcomed new president Jack Kelleher but also we welcomed six new Board members. This is largest turnover of board members that anyone can remember. Lots of focus at each of the meetings was on getting acquainted. It's another outstanding group, and the members can be proud and pleased to have each of these men represent QCWA.

Jack Kelleher, W4ZC, in his role as new President, ably took over, conducting the meeting in the way we all admire--everyone getting equal time to sound off. Out-going Prez, Lew McCoy, W1ICP, now President Emeritus, slid down the head table a few feet to become Chairperson of the Finance Committee. Wes Randles, W4COW, retiring Treasurer, moved out

from the table a bit to assume scholar's garb as QCWA historian. Into Wes' old spot as Treasurer, we welcomed Duke Knief, W2YTO. Gary Harrison, WAØRWS, moved ahead to the head table, promoted from plain Director, to Veep.

Newly elected directors sitting expectantly (i.e., they didn't know what to expect) around the table were Robert Buus, W2OD, from Homdel, NJ; Chuck Dorian, W3JPT, in from Issaquah, WA; Robert Korfhage, W7CHI, another from WA; Harry Lewis, W7JWJ, yet another from WA; Bill McGrannahan, KØORB, checking in from Kansas City; and Tony Stalls, K4KY0 from Ole' Virginnie.

Make a note to check on this. How did we happen to pick up three directors from Washington? Jim.....? The elders of the Board ensconced in various attitudes of comfort and ease around the table were, "Crab Cake" Walt Brink, W3WPY; "Big John" Edel, K8LBZ; "Snow Bird" Croft Taylor, VE3CT; and me, your ever-alert scribe. Observing from the sidelines were our Activities Manager, Jay Strom, K9BSL, and Cover Girl, (see Fall Journal) Ethel Smith, K4LMB, newly appointed Constitution and By-Laws Committee. Secretary John Swafford, W4HU, will tell you elsewhere in this issue, of the weighty matters deliberated.

Friday afternoon, bussesfull of conventionites went on a



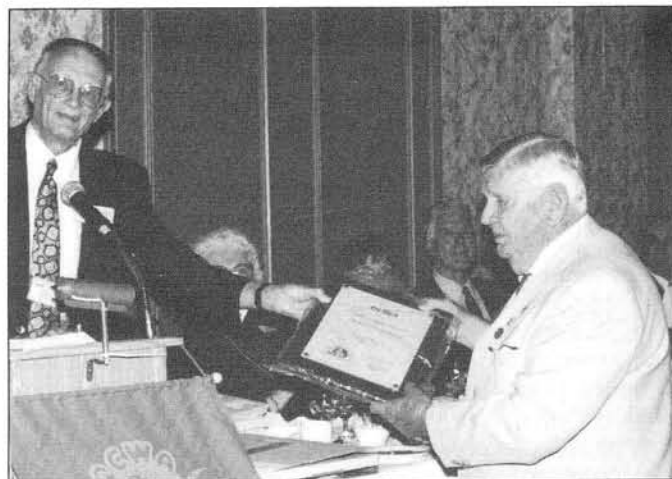
The new board. Left to right, front row: Duke Knief, W2YTO; Gary Harrison, WAØRWS; John Kelleher, W4ZC; Robert Korfhage, W7CHI; John Swafford, W4HU; Charles Dorian, W3JPT. Back row: Bill McGrannahan, KØORB; Harry Lewis, W7JWJ; Jack Troster, W6ISQ; Lew McCoy, W1ICP; Leland Smith, W5KL; John Edel, K8LBZ; Croft Taylor, VE3CT; Tony Stalls, K4KY0; Robert Buus, W2OD; Walt Brink, W3WPY Photo by W7LVN



**Jack Kelleher, W4ZC, awards President Emeritus to Lew McCoy, WIICP. Photo by W7LVN**



**Fred Hammond, VE3HC, receiving the Hall of Fame award. Photo by W7LVN**

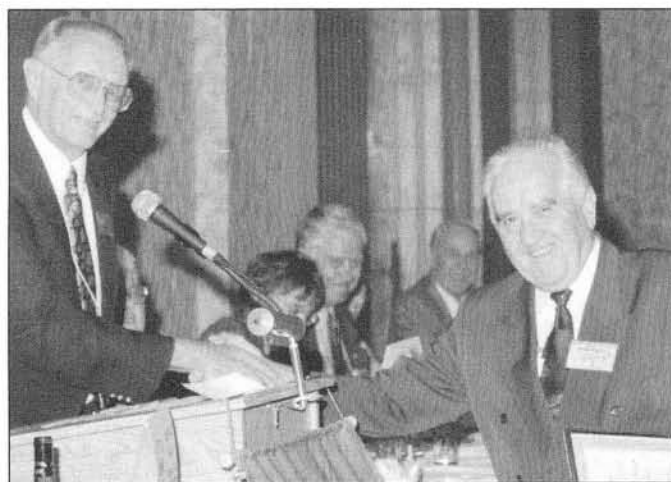


**Wes Randles, W4COW, receiving Roll of Honor award. Photo by W7LVN**

well-conducted, wide-ranging Ottawa city tour. Not only did we gain a good overview of a very handsome city, but learned that Ottawa, which is in Ontario, VE3, is just across the Ottawa River from Hull, Quebec, VE2. So how come VE2 is so hard to work in Sweepstakes? We went forth and back seeing



**George Roach, VE3BNO, the Convention Chairman, receiving 50-Year Certificate from Jack Kelleher, W4ZC.**



**Ken Curry, VE3PF, receiving 50-Year Certificate. Photo by VE3BNO**

the important sights on both sides, Museums, Malls, the River that freezes over for a 5-mile skate in winter, good-looking contemporary architecture contrasted next to the classic Houses of Parliament and City Hall. We saw everything except a real live Mountie in a red tunic and snap brim hat. Where were you, Nelson Eddy? Tour included a mid-afternoon break for a spot of tea, you know, and scones. Friday night was Hospitality Night on the top floor of the Citadel Inn where the OB's and guests had a chance to meet and gab.

Saturday was lecture day. Great selections, making it hard to choose just one for each period. I had to flip a coin to make up my mind between Moonbounce, Internet, Fenssenden and Marconi, UFOs, Packet radio and Spread Spectrum, and a hilarious talk by Gerry King, VE3JF, on Super Antennas! There was also a Radio Amateurs of Canada Forum. Last item on the lecture circuit was the annual meeting of the QCWW, Chapter 120, the ladies of QCWA. Talk about something for everyone, we had it!!

Saturday night Banquet was one of our best. Good menu and the food actually arrived hot. Dessert was an event—a parade through the humongous dining hall of the staff bearing candle-lit, individual baked Alaskas for every single one of the 230 of us.

A presentation of outstanding QCWA members honored

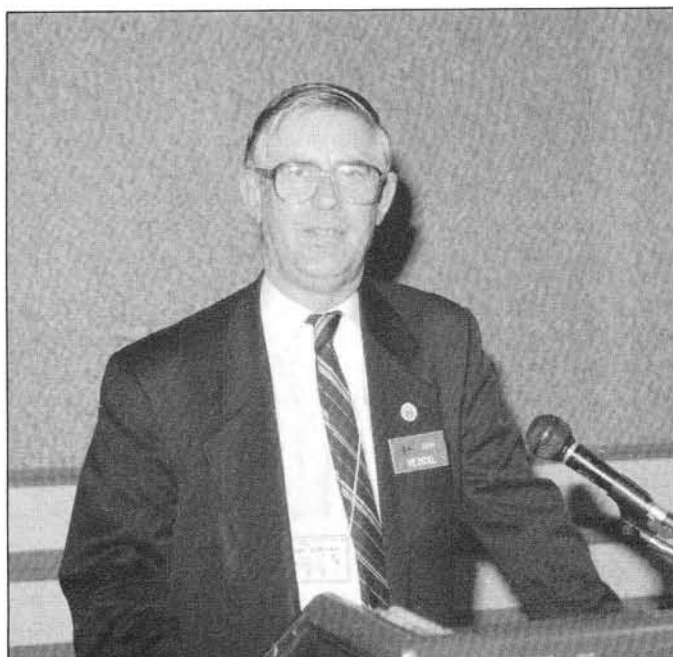
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A view of the ballroom from the rear. Photo by VE3BNO



Inside the passenger car on the steam train trip with some of the entertainment. Photo by W7LVN



Keynote Speaker, John Gilbert, VE3CXL. Photo by VE3BNO

with awards opened the program. Topping the list, QCWA's highest Award, the Hall of Fame, was presented to Fred Hammond, VE3HC, long time QCWA member and outstanding amateur radio pioneer in Canada. A gentleman whose devoted concern has been making ham radio better for everybody. Incidentally, he happens to have one of the great radio collections in the world. Wes Randles, W4COW, was placed on the Roll of Honor for his many years of unstinting service as QCWA Treasurer.

Three other awards were announced at the Banquet, to be given out later because the awardees couldn't make it to the Convention. Richard O'Brien, NJ2J, received the Distinguished Service Award for his long-time support of QCWA and his excellence in engineering in the TV and radio business. This award was presented at his Chapter meeting. John Williamson, W3GC, formerly of Barker & Williamson, was recognized with the Roll of Honor for his contributions to ham radio and the excellence of his radio parts business.

Doug DeMaw, W1FB, was given the Presidential Award for his long-time involvement with writing about radios and making complex things simple for some of us to build. Doug is the former QST Technical Editor and now writes for CQ and Monitoring Times.

Two prestigious awards of the evening were a total surprise to the awardees. Lew McCoy, W1ICP, President Emeritus, was given the Hall of Fame Award for his leadership of QCWA, and Blanche Randles, W4GXX was presented with the Ham of the Year Award for her continuing work with Tapes for the Blind. Unanimously agreed that both were awards were highly deserved.

Keynote Speaker of the evening was John Gilbert, VE3CXL, former Director of Canadian Government Telecommunications Agency who presented an interesting slide program titled "The Joint Arctic Weather Stations". It was particularly interesting to me to see pictures of these Arctic islands in the very high latitudes because we Beacon Beagles are in hopes the Northern Alberta Radio Club, the designated beacon operator for Canada in the International Beacon Project, will be able to locate their beacon, VE8AT, at one of those islands. (Refer to last December Worldradio QCWA column for a short discussion of the network). This will take some dedication because those islands sure looked wind swept and cold.

On Sunday, after the farewell brunch in the hotel, there was an all-day train trip to visit the countryside to view the fall foliage. We missed this because we had to pick up a flight to Edmonton, to catch a different train to Jasper, Lake Louise through the Canadian Rockies to Vancouver on our way home. Those taking the Ottawa fall foliage trip reported seeing beautiful countryside and an enjoyable time aboard the justly acclaimed Canadian Railroad.

It was a Convention as advertised, One of the Best Ever. Our Canadian hosts were warm, gracious, and on-the-ball. The Citadel was comfortable and convenient, and able to accommodate our large group. Grateful thanks to Host Chapter 70 President Jack Tennant, VE3AHZ, as well as to Convention Chairman George Roach, VE3BNO, and his Veep, Croft Taylor, VE3CT, and their Convention Committee who did it right.

Bill McGrannahan, KØORB, Chairman of the next fall Convention in Kansas City, reminds everyone that next year is the Fiftieth Anniversary of QCWA. Be there! It's one not to miss because just like it says in the song "Everything's up to date in Kansas City"!

Y'all come. See you then. KC6NFE/W6ISQ



# *It seems to me*

by Lew McCoy, W1ICP

This is a new column with some of my observations of the passing scene in Amateur Radio. For the benefit of those who do not know me, I have been licensed for over 50 years. Thirty two of those years were spent at ARRL Headquarters where, in that time, I held many positions--ending up as one of the technical editors. I went on the Board of Directors of QCWA some 15 years ago and ended serving a term as president. When I retired from the League, two young fellows took over the management of CQ magazine, Dick Ross as publisher and Al Dorhoffer as editor. They approached me and asked if I would be the technical consultant for them and I accepted. I have been with CQ for nearly 18 years and treasure my relationship with these two fine amateurs--who incidentally, are life members of both ARRL and QCWA. So much for me. If the title of this column sounds familiar it is simply because ARRL runs an editor's column that is entitled "It Seems To Us." This is always, or nearly always, the ARRL Executive Vice President's views--or at least what he is told to write. The word "Us" certainly doesn't apply. Not that I want to start a rhubarb over the use of a word but in this case--what I am writing about is strictly what "It Seems to Me." If other people have ideas that appear in this column--I will certainly credit them.

Let me make a couple of points crystal clear. I am a life member of ARRL and above all else, a very strong supporter of the basic goals of ARRL, just as the grand old man of amateur radio, Hiram Percy Maxim, taught us. It appears that the basic good things that Maxim saw in the League are gradually being dropped--and like many large organizations the League tends to forget its basic goals--and that is simply its obligations to Amateur Radio. Being that most QCWA members are also League members, maybe it is becoming our function to serve as a watchdog.

For those of you that have been following my and Jack Kelleher's editorials, you know that we have come down fairly hard on some of the present officers of ARRL for their statements and actions. We strongly believe in nearly all of the objectives of ARRL--which is to preserve and defend amateur radio. However, when their controlling officers make statements to the effect that code is dead or dying (and they say the majority of ARRL members think so), and conclude that we should no longer be tested for code ability--QCWA takes the stand of disagreement with these officers who can set the direction of our organization--and I don't mean QCWA. However, it appears at this time of writing that these same officers have had a change of heart--or at least that is what they are now saying. We will see.

I would personally like to thank all of you that responded on the question we asked about dropping the code. We received close to 600 replies and all but two or three (and those letters appeared in a previous Journal) were strongly in favor of maintaining the status quo. It would be easy to say--and I guess I'll say it--at least 99 percent of our members would like the code to remain. As a matter of fact, and I only heard this, the League, in their very slanted code survey, nevertheless had over 60 percent of the League members come back and tell them to keep the code requirements as they are.

Make no mistake about it. We, QCWA, strongly support most of what the League is doing. We are in a very dangerous time that endangers the future of amateur radio. When the government realizes that it can make money by selling frequencies, it certainly affects us. QCWA is not strong enough to mount a fight in this case--possibly ARRL will be--so they need our support. The number of licensed hams in this country is somewhere on the order of 750,000. The League has 173,000 members, about 20 percent of the total. QCWA numbers slightly over 10,000. I personally feel that those are all healthy numbers when it comes to politically fighting for our collective amateur lives. I am very curious what the supreme court would rule if it came down to the actual selling of frequencies--which are really in the public domain. Out here where I live, most of New Mexico consists of public lands. There are fights going on daily between ranchers, grazing or mining rights, and so on. These frequency sales are slightly crazy. But the bottom line is that such actions do not bode well for Amateur Radio--one very good reason why we need ARRL.

Still another serious problem is the recent action of FCC concerning transmitter power limits and radiation hazards. From my own research and work I have never found or heard of any radiation problems affecting people, on frequencies below--say 50 MHz. I know there could be problems on frequencies above 2 meters--that has been proven. I had one scientist who was a high ranking individual in a research radiation firm tell me that holding a 450 MHz handheld or one of these popular telephones against the head would almost certainly cause cellular brain damage.

On the other hand, there was a recent announcement that said that after 12 years of intense research, there is no evidence whatsoever that power line radiation is a problem. (Of course, this is a very low frequency--60 cycles.) It would seem to me that the FCC has acted too hastily.

Let me reminisce a moment. Back many years ago, Budlong, W1BUD, was general manager of the ARRL. Bud was quite a guy and I was lucky to become good friends with him. In any case, Bud went to one of the WRC conferences and he mentioned to several of us that he was going to try to get some more frequencies. He wound up swapping the top 50 kilocycles (and we call the kilocycles in those days) of 20 meters for 450 kcs of the 21,000 kc band. Then some years later Dick Baldwin became general manager of the League. He lived near me in Simsbury, Conn. and we used to ride to work together. He told me that at the next WRC conference he was going to go after more frequencies/bands--that was one of his main aims. It turned out that he was instrumental in getting us all the WARC bands! I have one thing to say to the League officials going to WRC-99. Why not strive for more HF bands! Amateur radio certainly has had the growth to deserve more frequencies. Let's get on the ball and be positive!

But on the other side of that much used coin. A last item here: The ARRL Board of Directors had a meeting on the last weekend of October--one interesting item: quote: "The Board's WRC-99 planning committee will study an ARRL Industry Advisory Council recommendation to extend HF digital privileges to the Novice and Technician Plus licensees and report back to the board." You really have to think about that one!

So much for now--if you want this column to continue, let us know-- that is the bottom line. W1ICP

# RADIO

by Hiram Percy Maxim, WIAW

What follows is the complete text of a commencement address HPM made at Colgate University, Hamilton, New York on June 14, 1924. To my knowledge this is the first time this has ever been published. The manuscript came to light recently in the course of research being done by Alice Clink Schumacher, author of the book, "Hiram Percy Maxim". The book was first published in 1970 and will be reprinted in a revised and expanded form by Electric Radio Press, Inc. some time in the new year.

I don't think that HPM needs any introduction to QCWA members but let me make a few comments for other, less informed readers.

Hiram Percy Maxim is without any doubt "The Father of Amateur Radio". It was he who started and nurtured both the ARRL and QST. And it was he who fought most fervently for Amateur Radio when its existence was being threatened.

Not generally known is that he was also an inventor and had many patents in his name. One of his most well-known inventions is the Maxim silencer for firearms which in turn led to the development of automotive muffler and air conditioning systems.

HPM was born in 1869 and died in 1936.

Other than the Schumacher book, "Hiram Percy Maxim", very little has been written about HPM. The only other information that I know of is contained in Clinton B. De Soto's book, "Two Hundred Meters and Down". N6CSW

## Colgate University - June 14, 1924

In these days of elaborate and intense study of affairs concerning the body politic, it is refreshing to relax by delving into things that have to do with fundamental principles, such as the laws of nature. In our daily lives, most of us tend to forget the profound immutability of these laws of nature, which govern all things, whether animate or inanimate, politic or impolitic. It is of these laws that I propose to speak to you at this time, and the special vehicle that we shall use to make our study concrete is that marvel of the present day - RADIO.

We like to point to radio as among the most wonderful scientific achievements of man. As a matter of fact when we examine it basically, it is not as wonderful as some of us think. For example, every time a man builds a fire and uses the light of that fire for signaling purposes, it is radio. Suppose there were an island several miles off shore, and a party of people on that island had met with an accident, were in distress and needed assistance from the mainland. And suppose one of the party happened to know the Morse telegraph code. And suppose that when night came on with its darkness and cold, a fire were built. And suppose that this man who happened to know the Morse telegraph code arranged a curtain between that fire and the mainland, or indeed merely stopped in front of it so as to intercept its rays. If he stepped away from in front of the fire three times for short intervals and three times for longer intervals and followed this with three short intervals again, he would have sent out three short flashes, three long flashes, and again three short flashes. Three short signals are recognized internationally as the letter S. Three long signals are recognized internationally as the letter O. This man would have signaled SOS. This is the international signal that help is needed and as quickly as possible.

Continual repetition of these signals would increase the chances of their attracting attention on the mainland, and it would only require another person knowing the Morse code for the message to be read and understood and for help to be dispatched immediately. This would all have been radio, for light is radio.

To continue:- Let us consider the interesting things that went on in that signalling fire. Something must have left those hot embers and gases on that lonely island and crossed the intervening waste of waters, and made an impression - actually performed work - upon the retina of a human eye, actuated the cells of a human brain and conveyed intelligence. This thing that crossed space, whatever it was, travelled very quickly. In fact, judged by our everyday standards of speed, its velocity was incredible. It moved out from its source at that signal fire at the velocity of 186,000 miles per second. It would travel a distance equal to around our earth at the equator in approximately one-seventh of a second - less than the wink of an eye.

This same thing, this light as we call it, travels to us from the distant Sun. It requires roughly eight minutes to make the journey. The length of this journey is 93,000,000 of miles and it is all frigid, empty, interstellar space.

This thing light, is radiated from every star in the heavens, and no matter how far off. When we gaze upward on a clear night, we are receiving radiations which started from those incomprehensibly far off stars, several years before their arrival upon the retina of our eye. And all down those years, those light waves had been coming at the rate of 186,000 miles per second. Certainly, this contemplation of nature's scale of doing things makes our poor little human affairs on this tiny earth of ours appear small and impotent. But profound and inspiring as are the facts cited, they sink into insignificance when we think of nature's limits, at least as we know them at this date. When we think of those heavenly bodies so remotely sunk in the great abyss of space, that their radiations, tremendous as they must be, sink below visibility by the time they reach our eye here on earth, we faintly realize the sublime grandeur of nature's works. Consider with me for a moment those great spiral nebulae which have recently been photographed at Harvard University. Calculations indicate that they must be of the order of 800,000 light years away! A light year is the distance that a light wave will travel in one-year's time, going at the rate of 186,000 miles per second. There are sixty seconds in a minute, sixty minutes in an hour, twenty-four hours in a day, and 365 days in a year. Does it not thrill the imagination to think that those light waves started on their long journey for Cambridge, Massachusetts, 800,000 years ago, and that all down that long lane of time they have been coming at the rate of 186,000 miles in every second. It is this sort of thing that commands men's minds and inspires men's souls in radio. It all is radio for we know now that radio and light are one and the same.

Now let us regard some of the interesting things that we have found out about this wonderful thing we call light. The difference that exists between the radio that comes to our eyes across the great spaces of the universe, and that which comes to our senses through the medium of our radio receiver, is that the former is visible to those organs which we possess and which we call eyes, while the latter is invisible to these organs. Now why should one be visible and the other invisible? The answer would be extraordinarily interesting. But we do not know the answer. Why these curious organs that have





**Hiram Percy Maxim.** *Photo used with the permission of QST.*

been given us will detect light waves of one frequency and will not detect light waves of another frequency, is something that is bound up in the past. Light, broadly, is an electro-magnetic disturbance. It spreads out from its source in wave form. We have examined these waves and we find that a great deal depends upon how fast they come, or follow one another, or put differently, how many of them arrive in a second. Technically, we use the word "frequency" when we refer to the number of light waves arriving per second.

These eyes that we human animals possess, singularly enough, are so constructed that they respond to electro-magnetic waves when the latter have a frequency above 4000 billions per second and less than 7000 billions per second. This is a goodly number per second, but not withstanding, that is the order of their magnitude. 4000 billions of electro-magnetic waves or oscillations per second produce in the human eye the darkest visible red. Less than that number are invisible, but we know they are there and we have named them. We call them "infra-red".

As frequency goes up above 4000 billions per second, we pass into lighter shades of red. As it increases, we get into the very brightest reds, and these become finally yellow and from the yellow we pass into the blue, and finally as we reach the top limit of the human eye, the color becomes violet. Beyond

7000 billions per second we again pass into invisibility, but again we know the waves are there. We have named them also, and we call them "ultra-violet".

But electro-magnetic waves can have frequencies as low as we want to go, and as high as it is possible to conceive. Just where does our modern radio fit in? Thereby hangs a most interesting tale. Looking back over the workers who have burned the midnight oil, given their very lives to searching out the secrets, we find a typical example of what human effort can accomplish, when a problem of inspirational magnitude is presented. May I ask you to look back over this human struggle with me. It is as impressive as the contemplation of nature's own work.

There was an Englishman by the name of Maxwell who was so inspired by the ordinary things of life, such as light, heat, sound, etc. that he went to great pains in finding out about them. He actually, with scarcely anything to work with, announced that light was of electro-magnetic origin and oscillatory in character. After many years, there came a man named Von Helmholtz who determined to prove physically that Maxwell's theory was correct. After a life of effort, he succeeded, and men knew beyond all argument that light was what Maxwell said it was.

Von Helmholtz was a professor in a German university. One of his students was a young man named Heinrich Hertz. Young Hertz attracted the attention of his instructor by his energy and zeal, and so when the university at Berlin offered a prize for the best paper on the relationship existing between dynamic electricity and static electricity, he spoke to young Hertz about it, and urged him to try for the prize. Hertz became fired and went into the matter mind, body and soul, but he could not produce electro-magnetic oscillations of a character that would show the differences between static and dynamic electricity. And so, even with the almost super-human energy and zeal that this young man possessed, he was forced to give up and acknowledge to his professor, Von Helmholtz, that he did not know how to go on.

Years passed and then the day came when Hertz was experimenting, and a thing happened purely by accident, so it is told, that made history.

If it had not happened that the accidental arrangement of apparatus that Hertz made, had been made, radio communication might probably have had a different history, and I would not have been here at this moment discussing it with you.

But the fates willed that this particular accidental combination of apparatus should have been arranged. On his right, Hertz had set up what we call today, a high tension spark coil. Electricity from a battery was fed through the primary of a step up coil, and a high voltage current was induced in the secondary which caused a spark to jump across two terminals which had been brought close together. There were certain other details which Hertz had added which gave to his high tension circuit, certain values of electrical capacity and inductance. He had believed that this combination radiated electro-magnetic waves, but he had no positive knowledge of it.

On his left, he had accidentally left some apparatus from a previous experiment. It so happened that its electrical capacity and inductance values were very nearly the same as those of the circuit on his right with which he was experimenting. In other words, these two circuits, the one on his right and the one on his left, quite by accident, were in what we call "resonance". By resonance, we mean their set up was such

**continued next page**



that they would oscillate electrically at about the same frequency. It is like the piano when we lift the cover and sing to it. The note that we sing brings response from that string on the piano the note of which is, the same as the one we sang. This particular note responds and is sounded because it is in resonance with the note we sang.

On that table that afternoon in Germany, Hertz pursuing his quest of nature's secrets caused the spark to pass in the apparatus at his right. He immediately noticed a little spark passing in the apparatus on his left. He wondered how this could be, and he looked to see if the two apparatus had by any means become connected. There was absolutely no connection between the two. And yet, every time he caused the spark to play in the apparatus on his right, another spark played in the apparatus on his left. Radio communication had its birth in that little room in Germany on that date. Hertz recognized that he had caused something that was invisible to traverse space and manifest itself at the distant point. It mattered not that the distance was only a few feet away. The point was that some form of radiation had been produced.

In all research work of this kind where wholly new laws are in the process of being disclosed, the experimenter has very positive suspicions. I have not the least doubt that in a few seconds of time after Hertz had noticed the little spark in the apparatus on his left, that a fairly accurate notion of the general scheme of things flashed through his mind. It only remained to work out the necessary apparatus to positively establish each of the various facts. With the tremendous impetus given him by the accidental little spark, he applied his great mind and his great body and when he had finished, he laid bare all of the laws which govern radio. At the age of thirty-seven he had spent himself, and he died. Just as much a martyr and a hero as any soldier who ever lived.

During the few years that Hertz spent upon this intensely difficult research work, he brought out a perfect flood of classic determinations. To give a general notion of them, I give a list of a few:

"On very rapid electric oscillations".

"On the effect of ultra-violet light upon the electric discharge".

"On the action of a rectilinear electric oscillation upon a neighboring circuit".

"On electro-magnetic effects produced by electrical disturbances in insulators".

"On the finite velocity of propagation on electro-magnetic actions".

"On electro-magnetic waves in air and their reflection".

"The forces of electric oscillations, treated according to Maxwell's theory."

"On the propagation of electric waves by means of wires".

"On electric radiation."

"On the mechanical action of electric waves in wires".

"On the fundamental equations of electromagnetics for bodies at rest".

"On the fundamental equations of electromagnetics for bodies in motion".

Hertz, before he died, gave every indication of having conceived of the possibilities of communicating intelligence across space without the aid of wires. But he had not the time, and possibly the constructing engineer's qualifications to produce a practical working radio communicating system. His great contribution was the disclosing of the laws governing electro-magnetic radiations, so that the constructing engineer who

followed would be able to do all of the many things that became possible, once the governing laws were made known. At this point I shall have to ask you to take a long jump with me and apparently to consider something entirely foreign to radio. But it has its place as we shall see as we proceed. I ask you to go back with me to the early seventies when Thomas A. Edison and others, including my father, were struggling to produce the incandescent lamp. One of the by-products discovered by Edison was that if a small plate were arranged inside the glass bulb, an electric current would flow from the filament to the plate whenever the filament was heated more than red hot. This was called "the Edison effect". It was marvelled at and it was very potent in bringing about the conclusion that electricity or an electrical current consisted of a flow of electrical corpuscles or electrons as they have since come to be termed. In Edison's two element lamp, it was believed that a red hot body bombarded surrounding space with electrical corpuscles, and that those corpuscles striking the little plate in Edison's lamp, would flow through a wire connecting the plate back to filament.

But there was no earthly way to make use of Edison's discovery. It would act as a electrical valve, so to speak, and allow current to flow from filament to plate, but it would not permit reverse direction, from plate to filament. It was a rectifier of alternating current, but at that time there was no alternating current to rectify, and so the interesting little glass bulb with a plate on the inside was placed on the shelf where it remained for many years unthought of. In the meantime, the incandescent lamp came forward and reached the tremendous importance that we see today.

Now we must make another jump. This time we must jump back to Europe, to Italy in fact. About the time that Edison was wondering about the little plate in his incandescent lamp, a boy was born of an Italian father and an Irish mother. It was the year 1874, and the child was named Guglielmo Marconi. He probably was not much interested in the Edison effect and the little glass bulb that was placed upon the shelf about the time he was born. In fact, we have good reason to believe that he was not much interested in the experiments that were being conducted by Hertz in Germany between the years 1879 and 1889, since at the latter date, Marconi was only fifteen years of age.

But somebody said something, or wrote something, or did something which profoundly impressed this young man with the importance of finding a way to communicate across distance without the use of wires. And so this young man duplicated the passionate, indeed the fierce intensity of purpose of Hertz. He gave his very soul to his work, and when a man with high mental qualities becomes inspired to do this, great things invariably follows.

Marconi mastered everything that Hertz had done. How much of the work of other pioneers he mastered, no man knows, probably not even Marconi himself. In an incredibly short space of time, this young fellow found that the thing that would radiate electro-magnetic waves best was a wire strung in the air, the higher the better. He tried a every conceivable arrangement of plates and enormous structures, but found the thing which we have not improved in all the work that has been done since the simple wire strung up in the air was as good as anything, as a radiator.

Then he had to find what of all the things in the world was the best and at the same time the most practical receiver of electro-magnetic waves. Again after a tremendous amount of

work he established the fact that a wire strung up in the air possesses the best combination of mechanical simplicity and electrical efficiency.

It must have been in the late nineties that Marconi succeeded in getting a spark coil and a wire up in the air and a condenser which would transmit electro-magnetic telegraph signals. His receiver consisted of the only detector that was then known - the Branley coherer. This coherer had only been found after ransacking all scientific knowledge. It consisted of a glass tube containing iron filings and a small terminal at each end of the tube, sticking into and making contact with the filings. Branley had discovered that under the right conditions, and the conditions had to be very right indeed, when an electro-magnetic wave passed along and set up a tiny electrical current in a wire, that this electrical charge would cause the iron filings to upend, so to speak, and establish a circuit through the tube. A local battery would then discharge through a printing telegraph machine and thus record on a paper tape a dot or a dash, depending upon whether a short series of waves passed, or whether a long series of waves passed.

The device was fickle, tricky, critical and not very sensitive. But there was nothing else and Marconi made use of it as his detector.

And then he performed the great history making feat. He communicated across space without the use of connecting wires. True enough, the distance was only five miles, but nevertheless, it had been done.

Of course there were those who laughed. They said as much could be accomplished by means of a lantern. Why make all this fuss over a lot of complicated apparatus that would do no more than an ordinary kerosene oil lantern would do?

I suppose we shall always have these short sighted people among us. They have their place in all probability, although they are sometimes extremely difficult to account for. Marconi did not permit them to disturb him any more than the Wrights permitted the scoffer to disturb them, nor Alexander Graham Bell to disturb him, nor those of us who figured in the early development of the horseless carriage, as it was first known, the automobile as it has come to be known.

Marconi's five miles quickly became thirty miles, and then he had passed beyond the field of the kerosene oil lantern. The thirty miles became one hundred miles and ships at sea located below the horizon could communicate with shore. This commanded the attention of the world and was the beginning of the time when many hundreds of minds directed their thoughts to radio communication.

One of these minds existed in the person of one Fleming, an Englishman. He thought it a great pity that Marconi had nothing better than the Branley coherer for a detector. And so he set himself the task of searching more carefully on all the book shelves of science for something that was better than the Branley coherer and the telegraphic printer. Again did a man give up the best that was in him for the advancement of science. In the course of his wanderings, he came upon the old Edison lamp with the little plate inside of it, covered with the dust of years, lying on shelf, unused and forgotten. It was a rectifier of alternating current, no matter how fast the alternations came, and no matter how feeble their intensity. And Fleming took it down off the shelf and put it in place of Branley's coherer and connected to it a pair of telephone receivers, in place of the telegraphic printer. The alternating current which the antennae wire collected from the passing electro-magnetic waves became rectified by the Fleming valve,

as Fleming now called it, and gave a uni-directional current to which the telephone receiver would respond. And behold! The ear became the sense that was conscious of the invisible electro-magnetic waves instead of the eye, which gazed at the printed dot and dash on the paper tape. And further, a device was obtained which was a hundred-fold more sensitive than the old coherer. Straight away the 150 miles was stretched to 1500 miles.

And then came another mind upon the scene. Fleming, resting upon his laurels, and perhaps unduly elated by his tremendous help to radio communication, allowed DeForest to discover that if a third element were introduced into Edison's little glass bulb, that the sensitiveness of the device as a detector was again increased ten-fold. DeForest called the little third element which he introduced, a "grid". And to the new creation he gave the name "audion."

The presence of this third element in the bulb was found to exert a very great influence over the current flowing from the hot filament to the plate. If the grid were given the electrical currents collected from the antennae, it had the power to alter the very much magnified current flowing from filament to plate, precisely duplicating the current flowing into the antennae, only in the very much magnified form.

The audion, therefore, again tremendously increased sensitivity. Distances again were stretched and a tremendous advance was instantly made in the new art of two way communication. DeForest had given the world a great invention. And then he followed Fleming's example and perhaps became unduly impressed by his own effort, because he permitted another man to come along and do to him exactly what he had done to Fleming. This man was Armstrong. Armstrong was a student at Columbia University in New York City. He was led by accidental circumstances to take up the work of analyzing the mechanics of the audion. He believed that its operation was being guessed at and that even DeForest himself did not understand all of the things that went on in his own audion. Armstrong went to the bottom of everything, and one of the first things he noticed was that the device could be made to REPEAT. By repeat, I mean the repetition of the multiplication which DeForest had noticed. DeForest had noticed, as already stated, that the antennae currents when impressed upon the grid of the audion, tremendously influenced the current flowing from filament to plate. But he did not suspect that he could take this duplicate but tremendously enlarged current and feed some of it back to the grid and make the grid repeat the multiplication. Armstrong did it and it was given the name "feedback" or "regeneration".

Armstrong improved DeForest as much as DeForest had improved Fleming, who had vastly improved the Branley coherer, and so with regeneration, and then amplification on top of regeneration, we entered upon an the modern era of ultra-sensitivity in the detection of electro-magnetic radiations. Where it had required hundreds of horsepower to generate powerful enough currents to establish big enough electro-magnetic waves to be detected upon the other side of the Atlantic Ocean, it now became possible to easily detect waves which were generated from as small powers as one horsepower and less.

Modern radio came into being and from the invisible light of Von Helmholtz and Hertz, we came to have ship to shore, ship to ship radio telegraphy in peace and war, transoceanic radio telegraphy competing vigorously with the cables, lately broadcasting by radiotelephone, concerts, speeches and en-

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entertainments, and that other less known but possibly more influential than all other forms of radio, AMATEUR RADIO. I have not, of course, mentioned all of the names which have brought about this great now development. I have only touched the highest of the high spots. Even Armstrong has not said the last word. He has struggled valiantly to avoid repeating the era of DeForest and Fleming, in believing he had reached the ultimate. But there are reasons to doubt that Armstrong will be able to hold his position at the end of this interesting line, because new discoveries are being made daily and the chances are that something revolutionary is liable to break at moment and add a new name in the hall of radio fame.

I have spoken in this general survey, principally of receiving and the men who have increased the sensitivity of our apparatus. Transmitting must also be mentioned although there are fewer names to record in this most important side of the problem. In fact, no name save that of Marconi appears in the long stretch between Marconi and Armstrong. Of course, many men have accomplished great things in transmitting improvements, but no one comparing with Fleming and DeForest may be said to have appeared.

But after DeForest had given us his audion receiving detector, and this man Armstrong began his searching investigations into it, it became apparent that the vacuum tube, or audion, was to figure on the transmitting side as well as upon the receiving side. Along with the discovery of the feedback or the regeneration came the disclosure that the device would generate the same character of oscillating currents that occurred in the spark. Therefore, the vacuum tube gave us at once an ideal generator of continuous oscillating currents of any frequency we wanted, from ten waves a second to no man knows just how many millions per second.

The vacuum tube therefore completely revolutionized transmitting, and today, we see all broadcasting stations and a great many ship and shore stations, and practically every amateur station equipped with vacuum tube transmitters. It is indeed an interesting record, but I now come to the most interesting phase of this entire question. This is the influence upon the art of radio communication that has been exerted by the amateur.

The amateur needs an introduction, in all probability. He does not need it in the case of the Army nor the Navy nor the Department of Commerce. But he does need it in the case of the general public. The amateur in radio is a unique thing. He has no counterpart in the past unless it be in photography. The amateur photographer came into being immediately photography came into being, and he has stuck and he has exerted a profound influence upon the development of the art of photography. But his work has not been strictly utilitarian. Only in rare instances, has the amateur photographer been a real valuable help to his country or the general public. The radio amateur, however, has a really glorious record of achievement.

Just why an amateur always appears when certain kinds of new developments in science are introduced, is not plain. It may be for the same reason that every normal boy wants for his toys, duplicates of the important things he sees in the man's world about him. He has to have toy railroad locomotives, toy steamboats, toy fire engines, etc. etc. Marconi no sooner began to handle telegrams by radio than the amateur appeared and proceeded to handle imitation messages. This handling of two way communication by radio among amateurs quickly fired the imaginations of a certain class of young man and a

few young old men. Everything developed by Marconi and his companies was somehow or other duplicated in miniature by these young men experimenters. Nothing was too complicated to understand nor too difficult to make. And presently these enterprising and virile young fellows began developing entirely new apparatus of their own. Armstrong was one of them. His regenerative circuit and his other early developments were all a result of his amateur activities.

By the time the year 1910 came around there were little clusters of amateurs owning small radio transmitting and receiving stations scattered all over the United States. They were able to transmit a matter of from five to ten miles and consequently did not overlap into each other's territory in most cases. This resulted in a total absence of knowledge regarding each other. Each little cluster considered itself the only one in existence. In many cases a so-called cluster consisted of one single individual, located in a little radio world all of his own, and conscious only of the powerful commercial stations which he could hear on the higher wave lengths.

Then the Federal Government directed its attention to radio, as the result of a terrible marine disaster, which showed clearly that radio communication would help tremendously in the protection of life and property at sea, and in the year 1912 passed the Radio Communication Law. Wavelengths were allotted to the various classes of stations, such as ships, coast stations, military stations, weather and time reporting stations, and amateur stations, for the amateur had somehow or other been able to assert himself and to impress upon the law makers that he was worth keeping. And so the Government allotted to the amateurs a wavelength of 200 meters that was considered utterly useless, and which it was believed would provide him with a plaything but prohibit anything like distance work, except perhaps as far as the next city block. It was also prescribed that he should have certain purity of wave and certain decrement and a very small amount of power, as power was considered in those days. But the Federal authorities reckoned without knowing the nature of the young man they were legislating against. They little realized that they were dealing with the most vigorous mentalities that had probably ever been brought to bear upon a new scientific development. It was the class of young fellow who later set the whole world gasping at what was done at Chateau Therry and other places.

Part of the law required that a call book be issued by the Government in which should be listed every transmitting station. This included the amateurs and when the book appeared it apprised a large number of young men for the first time that there were several hundred others like themselves scattered all over the country. This knowledge kindled the fire that has never ceased burning brightly to this day.

The little clubs of radio amateurs all over the country realized that if they could communicate with each other, they would establish a new epoch, because the private citizen had never before been able to communicate with other private citizens a long distance away without the aid of the mail or the commercial telegraph lines. It was so fated that I should be the one selected to make the suggestion that the amateurs of the entire country be organized into a radio relay system. This system once established, and more sensitive apparatus devised, and the amateur in Maine could send a message to the amateur in California, and receive an answer back. The American Radio Relay League came into being as a result of this, and the young men of the country were organized into a relay system and inspired to build apparatus that would reach out and



bridge those distances where no amateurs existed. The spirit of achievement entered into the thing, and hundreds of young minds became inspired to improve short wave apparatus.

By the time the year 1917 arrived, the country was literally criss-crossed with relay lines and private messages were being transmitted in very considerable numbers all over the eastern part of the country and frequently were thrown across the vast stretches on each side of the Rocky Mountains, and coast to coast relays accomplished. Many of the records made were nothing short of thrilling, and these young men became inspired as Hertz and Marconi had been inspired.

And then the great war came. The President issued a proclamation requiring that all amateur stations be dismantled forthwith, and amateur radio came to a dead stop. The amateurs had established their own amateur radio magazine for disseminating information generally, and this magazine, known as "QST" continued for a few months after the Presidential proclamation, urging the membership to enlist in the military services where radio operators were sorely needed.

And then came a day when the long distance telephone rang and as the President of The American Radio Relay League, I was asked if I would be willing to attend a conference at the Brooklyn Navy Yard. I was on my way inside the hour, and when I arrived at the conference I was asked if I would use my influence to induce the members of the American Radio Relay League to come to the assistance of the Navy Department who needed hundreds of radio operators immediately, and with no organization put together for training operators. I promised to do everything in my power. The little amateur magazine got out a special issue and inside of thirty days, over one thousand skillful radio operators had enlisted to help Uncle Sam. Many enlisted in the army also, and were assigned to active service months ahead of what would have been possible had it been necessary to create a large number of efficient radio operators from the average rank and file.

Thus was demonstrated the tremendous value to the country of the radio amateur. The Government has not forgotten this, and consequently after the war, the amateur was encouraged to go on and given protection that in pre-war days he never expected would be offered him.

Let us now pass to what happened after the war, when thousands of young men had been given military training not only in radio but in organization.

They reorganized their American Radio Relay League, and brought to bear upon it all they had learned in a war. They were the best radio operators the world had ever seen, and they were fired with ambition to build up the most perfect citizen communication system that could be devised. As might be imagined, they accomplished prodigies. Transcontinental communication without relay on a wave length which had been originally considered as useless, became a daily occurrence. One thrill after another came and it was not long before these young men turned their attention to the Atlantic Ocean. They actually from their own slender means financed the sending of one of their members to Europe to listen for them and to demonstrate whether or not trans-oceanic private citizen communication on short waves could be accomplished. WIAW

## Your Official QCWA Badge



Many of you have asked and now we have an official QCWA Badge for you to wear at amateur functions. **It is white with black letters** and the above is an actual size reproduction. This badge is totally engraved, no 'hot press', and so it should last a lifetime.

The order blank is printed below. It comes with a standard clip and a bola clip.

**Note that you may order it with a pocket clip at an additional cost**

Bola ties are also available.

### QCWA Badge Order

Call \_\_\_\_\_

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Indicate whether you want your City/State or your Chapter name and Number as bottom line on badge.

1. City and State \_\_\_\_\_

**OR**

2. Chapter Name and Number \_\_\_\_\_

Badge..... \$7.00

Pocket Clip ( \$2.00).....

Bola Ties ( \$2.50).....

Bola tie color(circle one): Black, Blue, Brown, Green, Red and White.

Total Cost.....

*Complete in full and mail with your check to:*  
QCWA, 159 East 16th, Eugene, OR 97401-4017

# 1996 QCWA Scholarship Winners

## General Scholarship Fund - \$700

David P. Swaney II, N3KCS, Mifflinburg, Virginia  
Sarah A. Tobin, NØKGY, Jamestown, North Dakota  
Seth A. Strayer, N8UOH, Bellevue, Washington  
John M. Steenis, KI7LX, Phoenix, Arizona  
James S. Sikorski, Jr., N3PBH, Wapwallopen, Penn.  
April D. Rogers, N3PPU, Butler, Pennsylvania  
Joanne C. Peca, N3JFB, Williamsburg, Pennsylvania  
Anthony L. Long, KC6QHP, San Diego, California  
Leann S. Kessler, N9ZYJ, Pensacola, Florida  
Nathan P. Jeffries, KI7QT, Spokane, Washington  
Terrell R. Clark, KBØJHU, Hopkins, Minnesota

## Ralph Hasslinger Charter Member Memorial Scholarship - \$700

Adam P. Lekach, N2VEG, Oakhurst, New Jersey

## Max Jacobson - John Kelleher Family Scholarship - \$1100

Ethan Handwerker, N1SOH, Lexington, Massachusetts

## Leo Meyerson Family Living Scholarship - \$700

Jefferey M. Gallant, N2HNY, Wesley Hills, New York



I would first like to thank the Quarter Century Wireless Association for their time and effort involved in my selection for a QCWA scholarship. It is with great pleasure and pride I accept this scholarship to help offset my future college expenses at Penn. State. I would also like to thank the Foundation for Amateur Radio for their administering the scholarship.

I am 18 years old and I live in Mifflinburg, PA. I will be attending

Penn. State University to major in Engineering at the University Park Campus.

I was first licensed on July 30, 1991 at our local hamfest held in Winfield, PA. My Amateur Radio interests include packet, two meter FM, and helping my dad, N3KCR, with contest logging. I hope to have room in my small college dorm room for my two-meter rig and I'm looking forward to meeting the other hams at Penn. State.

Thank you again for your time and generosity. And I assure you the scholarship is greatly appreciated and will be put to good use.

**David P. Swaney II, N3KCS**



I recently graduated Cum Laude from the University of Pittsburgh with a Bachelor's of Science in Microbiology. My Minors were Chemistry, History and Philosophy of Science. During my academic stay, I was named to the Dean's List and Microbiology Honor Roll. I served as an undergraduate teaching assistant for Biology I and II for the past two years. Also at the University of Pittsburgh, I was involved with the radio station WPTS broadcasting sports, theater, and Amateur Radio.

I served as president of the Panther Amateur Radio Club for two years while at the University.

I will be attending Pennsylvania College of Optometry this fall to pursue the degree of Doctor of Optometry.

Thank you for making the Quarter Century Wireless Association Scholarship available to students such as myself.

**April Rodgers, N3PPU**



While attending Lexington High School, I helped to resurrect the Amateur Radio Club which had been dormant for the past 18 years. We raised funds and collected local radio donations to help build our station. Also, we successfully held radio theory and code classes so that other students could earn their licenses.

After 15 years of watching my father, W1FM, operate his amateur station, I finally took the

Tech No-Code exam and passed it in 1994. Shortly thereafter I learned Morse code and received my Tech-Plus ticket. At that point, I was also able to earn the Radio Merit Badge at Boy Scout camp. This merit badge also assisted in my earning the Eagle Scout rank.

My activity in Amateur Radio has been greatly heightened by my participation in contesting, which has greatly increased my code speed. After joining the Yankee Clipper Contest Club and operating the Novice Round-up, Field Day, and Sweepstakes, I studied to upgrade myself and finally earned my General class license in 1995.

Currently, I have been participating in HF and VHF traffic nets, contesting, and tutoring Amateur Radio theory to perspective hams. My plan is to continue these activities while attending the University of Massachusetts at Amherst starting this fall. While in school, I will be studying Electrical Engineering.

Thank you again for choosing me as the recipient of this year's QCWA Max Jacobson-John Kelleher Family award.

**Ethan Handwerker, N1SOH**



- Amateur Radio: ARES/RACES  
 - Runner-up 1993 Hiram Percy Maxim Award  
 - Assistant Emergency Coordinator Spokane County ARES/RACES  
 - Since 1992 I have been an active member of Spokane County ARES/RACES, Spokane County Department of Emergency Services, Inland Northwest Red Cross DAT team, and a National Weather Service SKYWARN Weather Spotter.

-1994 Washington State Forest Fires (ARES/ RACES): Responded N.E. Region office of the Department of Natural Resources (DNR) to operate 2 meter and HF for fire communications into Central Washington.

Other Amateur Radio:

- First place in EWA Section for 1992 ARRL November Sweepstakes as a Technician Plus Operator.  
 - Participated in every Field Day since 1992.  
 - Maintained a 3.64 grade point average and will graduate with honors in June.

Thank you for the Scholarship money that was awarded to me. This will help me to accomplish my goals of becoming an entrepreneur.

**Nathan Jeffries, KI7QT**



I live in Hopkins, a suburb of Minneapolis, MN. I attend the University of Minnesota, which is also located in the twin cities, and I am pursuing a BS in chemical engineering. I have lived here all of my life and I enjoy being near to a city with such a selection of activities to choose from. Some of my interests include hiking, biking, volleyball, rollerblading, reading, and Amateur Radio.

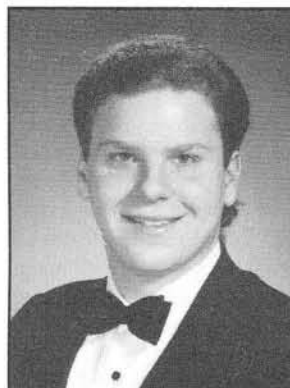
My interest in Amateur Radio most likely stems from my success in mathematics and a love for science. I first received an introduction to ham radio through a teacher of mine named Jim Gilbert. He began by teaching us a little radio theory and demonstrating some of the uses for ham radio. At that point I decided to see how I could more personally become involved.

Then during junior high I attended a meeting of the Minnetonka Amateur Radio Club to see how I could receive my own license; pretty soon I was studying to get my tech license. It was not long afterwards that I upgraded to my general license.

From that point until now I have tried to stay active on both HF and 220 meters and every once in a while I am able to demonstrate to others the enjoyment that I have received with ham radio.

I would like to convey my appreciation for the QCWA scholarship and I thank you for your interest.

**Terrell Clark, KB0JHU**



B.A. from Binghamton University, State University of NY, June 1996.

Entering Benjamin Cardozo School of Law 9/96

Originally licensed as Novice (KB2BOU) in 1986, upgraded to Tech in 1987 as N2HNY.

Upgraded to General in 1988. W.A.S. in 1987.

Current activities: Some low-band DX chasing, 2 meter local repeater activity.

Parents are both hams:

Paul, WA2HGJ; originally licensed in 1959 as WV2HGJ; currently Extra.

Sherry, N2HOA; originally licensed as Novice in 1987 (KB2CYN); upgraded to Tech in 1987.

**Jeffery Gallant, N2HNY**



Joanne Peca, N3JFB is the daughter of Carmen and Kathleen Peca. She graduated from Hollidaysburg Area Senior High with honors and will be attending the University of Pittsburgh in the fall. A member of ARES, Joanne has been very active in community service activities involving Amateur Radio. She has worked as a communications volunteer for various biathlons and triathlons and also worked as the editor of the

Horseshoe Amateur Radio Club newsletter.

**Joanne Peca, N3JFB**



Education: Florida Institute of Technology, Melbourne, FL. Senior Major: Chemical Engineering (I am focusing my interests in the area of process design and optimization.)

Graduation date: May 1997.

License: Technician, operate 2-meter digital and FM.

Volunteer Work: 1995-present: Children's Choir Teacher; 1993 Chemistry Research Assistant; Tutor

Activities: American Institute of Chemical Engineers; Society of Women Engineers; InterVarsity Christian Fellowship Church Sanctuary Choir, college choir, orchestra (I play piano, flute, and clarinet.)

Thank you for my scholarship award. I greatly appreciate it, and the award will help me to continue making high grades next year.

I thank you for all your effort in administrating the QCWA scholarships. This scholarship was truly an answer to prayer.  
**LeAnn S. Kessler, N9ZYJ**





I would like to express a deep appreciation for the financial contribution that you have made.

I became a licensed Novice operator at age 10, and upgraded to Technician a short time later. I grew up involved in my community through such activities as the 1990 Olympic Festival Torch Run, Various Special Olympics, Sky-Warn and Field Days.

Currently, I am a Junior at Bethel College in St. Paul, MN, and am double-majoring in Biology and English. I am planning to pursue a Masters degree in Clinical Counseling or Crisis Counseling. I can now look back and see how my path towards involvement in emergency situations was formed, in part, by Amateur Radio.

Again, I would like to thank the QCWA and the Scholarship Committee for the gift that you have given me.

**Sarah A. Tobin, NØKGY**



Since I was first licensed in 1992, I have participated in many aspects of Amateur Radio including HF/VHF/UHF (SSB, CW, AM, & FM), satellites, packet, building projects, public service, administering Amateur Radio exams as a VE, Scottsdale Amateur Radio Club (SARC) Net Control (over 3 years), and SARC Board Member (two terms). I have had many great experiences and have made many friendships as a result of Amateur Radio activities.

The practical experience I have gained through Amateur Radio will significantly benefit my education and career.

**John M. Steenis, KI7LX**



I have just completed my twelfth and final year in the Ocean Township school system and I will be attending Emory University in Atlanta, Georgia in the fall.

As an amateur radio operator, I have been a crucial communications link in two walk-a-thons, including the most recent JDF walk-a-thon, notifying "tow" trucks and ambulances of tired and injured walkers.

Awards such as this one add to my sense of belonging to "The Amateur Fraternity." Again, many thanks to the QCWA members. I will do my best to assure that your confidence was well placed.

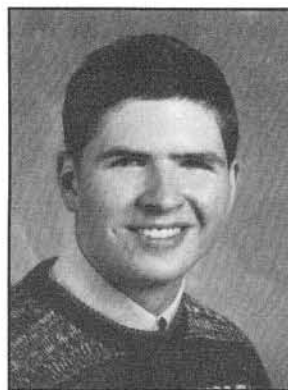
**Adam P. Lekach, N2VEG**

No photo available

I would like to like to thank you for being awarded the QCWA Scholarship. In high school I played football (placekicker/punter) and baseball (catcher). I also worked in our school guidance office as a peer tutor and teacher's aid. I was able to make the honor roll all four quarters for four years of high school ending up with a 3.98 GPA. I will be attending Eastern Kentucky University very soon, majoring in fire safety and technology/arson investigation.

I enjoy many different facets of Amateur Radio. Most of my communications is above 30 MHz. I have fun climbing towers, especially our club repeater tower. I also enjoy Fox-hunting, and building my own DF'ing equipment. I have been a very active spotter for the National Weather Service and Northwest Ohio Skywarn as well as NW OH areas.

**Seth Strayer, N8UOH**



I am an Extra Class operator from Wapwallopen, PA. I am pursuing a four year communications degree from Penn State University. I really enjoy the knowledge I have acquired from both school and Amateur Radio. It is very helpful having your hobby and career choice complement one another. I enjoy CW and 2 meter simplex operations from my home in addition to being a committed participant in our club VHF contest efforts. I

also do my part in the realm of public service. I participate in radio support for charitable walks, triathlons, and I even helped out during the severe flooding Pennsylvania received in January. That gave me a fulfilling feeling, knowing that I was able to render an important service to my fellow citizens.

I am very thankful to your organization for the generous contribution.

**James Sikorski Jr., N3PBH**



Thank you very much for awarding me one of the QCWA scholarships! It is greatly appreciated and will be very helpful in the next year. Assisting students in funding their education is a good way for Amateur Radio to adhere to one of its principals of furthering technical knowledge and education. These scholarships are extremely valuable to students like myself and are greatly appreciated!

I was born on February 16, 1978 in San Diego to Steve (KC6QHQ) and Marie. Throughout my early years, I was fascinated by electronics and science. In 1990 I earned my novice class license and in 1995, I upgraded to the advanced class. Beginning next year I will attend UCSD studying Electrical Engineering. Thanks again!

**Tony Long, KC6QHP**

# 

NO.	NAME	DAY	TIME	NET CTRL	FREQ
	QCWA CW	WED	2000E	VARIES	7035
	FLORIDA SSB	SAT	1300Z	W4NWF	3955
	QCWA SSB	SUN	2000Z	VARIES	14347
	FLORIDA SSB	WED	1500Z	W4NWF	7274
	NE REGIONAL	SUN	0845L	W2AUF	3917
1	CLEVELAND	WED	2000L	KB8ZBH	146.88
2	CHICAGO AREA	1TH	2130L	W9MOL	147.15
4	NORTHWEST	SUN	1630L	W7PN	3655
4	NORTHWEST	SUN	2300Z	KF7P	3952
4	NORTHWEST	SUN	2002L	W7PN	3952
5	DELAWARE VALLEY	SUN	1000L	W2EEQ	3917
6	PITTSBURGH	SUN	0830L	W8CSU	147.03
7	SOUTHERN CALIF.	SUN	1000L	W6ZRZ	147.360
7	SOUTHERN CALIF.	SUN	1100L	W6LPS	3917
8	UPPER MIDWEST	SAT	0800L	W0KHG	3788
9	SOUTHWEST OHIO	SUN	1330L	W8DWT	3987
10	MICHIGAN	SUN	0800L	VARIES	3903
11	NORTHERN CALIF.	SAT	1000L	W6AQR	146.85
11	NORTHERN CALIF.	SUN	0930L	KF6FBT	3907
12	SOUTHEAST FLORIDA	WED	2000L	VARIES	146.76
14	SAN DIEGO	WED	2000L	K6QM	145.52
16	ARIZONA	SUN	0630L	W7ER	3890
17	ALLETOWN-BETH.-	SUN	1200L	VARIES	3990
19	MISSOURI	WED	1930L	KDØIR	147.15
20	BALTIMORE	MON	2100L	W3EEU	147.285
21	CANTON OHIO	THU	1930L	K8UDO	146.79
25	NEBRASKA	TUES	1900L	WØHXL	146.94
25	NEBRASKA	SAT	0830L	VARIES	3982
28	CENTRAL NEW YORK	SUN	1030L	VARIES	3917
29	FINGER LAKES	SUN	1230L	VARIES	3900
30	WEST VIRGINIA	SUN	1500L	AA8AN	3865
31	READING	MON	2100L	VARIES	146.91
32	GATOR	SAT	0900L	VARIES	145.29
33	GUNDERSON PENN-JSY	DAILY	2000L	W3APE	3982
35	MIDCONTINENT	THU	2030L	KØYML	146.97
37	HARRISBURG	WED	2100L	K3IUY	147.12
38	SAN ANTONIO	SUN	2030L	W5HRF	28650
41	DALLAS	SUN	0715L	VARIES	3835
45	CITRUS	TUE	1930L	WB4DRF	147.195
46	FOUNDER'S	THU	2030L	W2AUF	146.63
46	FOUNDER'S	SUN	0930L	W2AUF	3917
48	TREASURE COAST	DLY	0800L	K4QM	7153
48	TREASURE COAST	DLY	0500L	K4QM	14.176
49	ATLANTA	WED	2000L	VARIES	145.41
49	ATLANTA	SAT	0900L	K4VN	3857.5
51	TEX-LA GOLDEN TRGLE	MON	1830L	W5HYO	146.70
52	MISSISSIPPI GULF CST	THUR	2000L	W5OXA	28.480
54	TYLER	SUN	0800L	W5CNO	3835
54	TYLER	MON	1930L	W5RRM	28.650
55	WISCONSIN	SUN	0830L	VARIES	3985
58	COLORADO	SUN	0930L	VARIES	146.07
58	COLORADO	SUN	0900L	W9KRE	3905
62	SUWANNEE	SAT	0900L	W4PFJ	3940
63	CENTRAL OKLAHOMA	SUN	0800L	VARIES	3855
63	CNTL OKLAHOMA	THUR	1900L	W5HXL	145.41
64	EL PASO	SAT	0830L	VARIES	3933
65	NIAGARA FRONTIER	SUN	1330L	W2NW	3900
70	NATIONAL CAPITAL	THUR	2000L		147.03
73	SOUTHERN ONTARIO	SUN	0900L	VE3DAR	3773
73	SOUTHERN ONTARIO	SUN	1300L	VE3MO	7088
75	CENTRAL CALIF. COAST	SAT	0800L	W6RBS	3917
76	BLUE RIDGE	SAT	1300L	K4HXZ	3855
77	NORTHERN NJ	THU	2000L	W2IET	147.285

77	NORTHERN NJ	SUN	1300L	W2OJW	3917
79	SUNFLOWER	WED	2100L	VARIES	146.82
81	LONG ISLAND	FRI	2030L	K2YAW	147.33
81	LONG ISLAND QCWA	SUN	1130L	W2TLC	3917
85	ARK-LA-TEX	MON	2100L	VARIES	146.67
87	EVERGREEN	SUN	1530Z	VARIES	3985
89	PALMETTO STATE	SAT	0900L	W4DNR	3927
89	PALMETTO	SUN	1700L	N4LS	3695
91	VIC CLARK	SUN	0900L	K4KYO	146.79
92	NORTHERN LIGHTS	SUN	2000L	VARIES	146.97
94	ROADRUNNER	SUN	2000L	WB5YYX	146.72
95	EASTERN NEW YORK	SUN	1130L	WB1M	3900
96	GATEWAY	SAT	1600Z	W2KGI	3933
102	DAKOTA	SUN	0800L	VARIES	3889
104	TREASURE STATE	SAT	0830L	W7OTJ	3936
105	MIDDLE TENNESSEE	THU	2100L	WA4JYJ	146.91
106	GERMAN	MON	1700Z	VARIES	3669
106	GERMAN	TUE	1730Z	VARIES	3555
107	CENTRAL FLORIDA	THUR	1230L	W4LHP	14245
107	CENTRAL FLORIDA	SAT	0900L	W4LHP	7243
108	BEAVER STATE	WED	0800L	VARIES	3909
109	BATON ROUGE	SUN	2000L	VARIES	146.79
109	BATON ROUGE	SUN	0830L	VARIES	3905
110	KANSAS	SAT	1230Z	KAØRZO	3920
112	YANKEE	SUN	0830L	K1JJJ	3902
114	NORTH TEXAS	SAT	0830L	WA5BXH	3941.5
120	QC WIRELESS WOMEN	TUE	1900Z	K4KUU	14295
122	LAKE ERIE TRI-STATE	SUN	0930L	W3QPP	3915
123	LEE DEFEST	SAT	0730L	KØDBW	3892
126	PIEDMONT	SUN	0845L	AB4DQ	3935
128	PELICAN	MWF	1600L	K9BSL	145.29
128	PELICAN	SAT	1000L	K9BSL	145.29
130	INLAND EMPIRE	SAT	0800L	W6HV	3862
130	INLAND EMPIRE	FRI	1600L	W6HV	3862
130	INLAND EMPIRE	WED	1930L	W6HV	1896
131	GULF COAST	TUE	0900L	WF4V	28750
134	PINE TREE	SUN	1430L	VARIES	3942
135	MID-MICHIGAN	TUE	2000L	VARIES	146.70
138	CENTRAL NEW JERSEY	TUE	2200L	VARIES	147.045
140	WYOMING	SAT	0800L	W75QT	3923
141	HI-PLAINS	SAT	0900L	W5MVJ	3933
142	NORTHWEST OHIO	WED	2000L	W8FO	146.79
143	NORTH COLORADO	SUN	0830L	VARIES	145.115
146	TWIN STATE	SUN	0830L	WA1NBI	3897
149	NUTMEG	SUN	1130L	W1KHL	3923
150	DEL-MAR-VA	SUN	0900L	K3PFW	146.82
151	WILD ROSE	MON	1900L	VARIES	3747
152	ROYAL PALM	MWF	1300L	W4LZV	7020
152	ROYAL PALM	T-TH	1300L	K4FA	14178
154	LEO MEYERSON	THUR	1830L	W9VKC	145.480
157	PONY EXPRESS	SUN	0830L	WØGGP	3955
160	UTAH CHAPTER	SAT	1100L	VARIES	7272
162	SOUTHEAST WISC.	THUR	2100L	VARIES	147.87
164	BIG BEAR	SAT	1900L	N6EFT	147.33
165	YORK COUNTY PENN.	WED	2100L	W3AXC	146.97
166	COLONIAL	TUES	1930L	W3TTW	147.21
173	GOLDEN TRIANGLE	TUE	1900L	VARIES	147.255
181	HUDSON VALLEY	SUN	0815L	W2OZA	3917
181	HUDSON VALLEY	TUES	2030L	KE2AC	147.060
182	NORTHEAST TENN.	SUN	2100E	W4VS	146.76
183	PIONEER	SUN	1030L	W1ALL	3923
184	BAY AREA	SUN	1830L	VARIES	146.64
186	MESILLA VALLEY	THUR	1900L	AB5OU	146.84
188	LOST RIVER	1st W	1930L	K7RFO	146.85
191	MONTEREY BAY	TUES	1930L	AA6T	146.60
194	HAWAII	1st S	1500L	VARIES	7088

## JUNO.....It's FREE!

by Duke Knief, W2YTO  
Box 2516  
Hendersonville, NC 28739.

I knew I could get your attention with the word "FREE"! If you have a computer and a modem, this is for you. If you don't have those tools of the 20th Century, why not? There are many things in life that seem to be something we don't need but, once we have them and worked with them, we wonder how we did without them. E-mail falls into that category. E-mail (the E is for electronic) gives anyone with access to the Internet the ability to send a printed message to another user in any part of the world. But (isn't there always one), Internet access isn't free. There are on-line charges. True.....up to now. Enter JUNO.

Several months back, Charles Ardai, who is the President of JUNO Online Services, spent literally millions of dollars to provide totally free e-mail service and what JUNO offers is pretty hard to beat. Free software that works with ANY version of Windows and access via either a local or a toll-free number. No access charges, no sign-up or monthly fees. If there is a "catch", it's a very small one. The company sells advertisement and, depending on your user profile, you may see some of it. It appears in the upper right corner of the screen and you can easily ignore it if you choose. In four months of use, I've seen three advertisements....a small price for FREE e-mail. Apparently a lot of users agree because the subscriber list is now well over 350,000 and growing at a very rapid rate (at one point, over 6000 a day)!

Installing and using the interface is pretty simple. When installing, just follow directions on the screen. It will do an automatic modem installation or allow the user a manual set-up, if desired. There are two screens, a read and a write, a spell-checker, phone book and folders to organize mail. Currently there is no support for attaching binary files or graphics and no encryption. Pretty basic, but it gets the job done.

As part of the sign-up procedure, the user is led thru several pages of personal data (hobbies, income level, occupation, etc.) which form the basis of the advertising target. I guess if you said you were retired, read nothing, owned nothing and were a non-participant, you would never see an advertisement! The software is updated on-line, so even if you get an "old" copy to start with, after you sign on the actual working program will be the latest available. Connect times are very short. You do your work off-line, tell it to send/get mail and then read your mail after the disconnect

Even if you already subscribe to an online service, Juno will save you money. Use JUNO for e-mail and save your subscription on-line time to browse the Internet. Convinced? Well, you can get a copy of the software from JUNO at 1-800-654-JUNO. If you know someone already using JUNO, just ask for a copy of the software. It's a lot faster and personal distribution is encouraged in the same manner as shareware. Finally, if you can't get a copy anywhere else, send me a buck to cover the cost of the disk, mailer and stamps and I'll send you a copy. See you on e-mail.....73, Duke

## QCWA Golden Anniversary QSO Party 1997

**The Golden Anniversary QSO Party will Be open to all Amateur Radio operators world wide.**

**Time & Dates:** 1400 UTC February 8, 1997 until 0600 UTC February 10, 1997 & 1400 UTC March 8, 1997 until 0600 UTC March 10, 1997 (40 hrs) CW & Phone operators choice or mixed. For scoring purposes submit the best 24 hours of the 40 hour segment.

### AWARDS:

A Certificate to the five (5) top QCWA Member participants.  
A Certificate to the five (5) top NON QCWA participants.  
A Certificate to the Chapter with the highest combined members scores.

### SCORING:

#### Points:

1. QCWA Member to QCWA Member - One (1) point for each contact per band.
2. QCWA to Non-member - One (1) point for each contact per band.
3. All Contacts with W2MM - Five (5) points for each contact per band.

#### Multipliers:

##### A - QCWA Members:

1. Each QCWA Chapter worked counts as 1 multiplier.
2. For each QCWA At Large (AL) station worked, each State, Province or Country counts as 1 multiplier.
3. For each Non-QCWA station worked, each State, Province or Country count as 1 multiplier.
4. Contact with W2MM counts as 3 multipliers.

##### B- Non-QCWA Members

1. Each QCWA Chapter worked counts as 1 multiplier.
2. For QCWA At Large (AL) stations, each State, Province or Country worked counts as 1 multiplier.
3. Contacts with W2MM counts as 3 multipliers.

Total score: = total points x number of multipliers.

### EXCHANGES:

#### A - QCWA Members:

1. Call letters of station worked
2. 2 digit # of year 1st licensed - i.e.: if 1950 - 50.
3. Chapter # if a member of a Chapter
4. Send "AL" (At Large) if not a member of a Chapter, together with the appropriate State, Province or Country.

#### B- Non-QCWA Members:

1. Call letters of the QCWA station worked.
2. 2 Digit # of year 1st at licensed - i.e.: if 1950 - send 50.
3. State, Province or Country.

### FREQUENCIES -

160 Meters (suggested times 0400 - 0500 & 1200 - 1300 UTC)

6 Meters (simplex only) - no repeater contacts

2 Meters (simplex only) - no repeater contacts

Suggested starting frequencies

CW	PHONE
3530-3560 kHz	3900-3930 kHz
7025-7055	7230-7260
14030-14060	14260-14300
21040-21070	21350-21380
28040-28070	28530-28560

### GENERAL:

WARC bands (10,18 or 24 MHz) MAY NOT BE USED.

ALL DECISIONS OF THE OFFICIAL SCORER WILL BE CONSIDERED AS FINAL.

ALL LOGS MUST BE RECEIVED NO LATER THAN 1 APRIL, 1997.

MAIL YOUR FEBRUARY LOGS TO: Arthur Monsees, W4BK, 420 Bay Ave., Apt. 1521, Clearwater, FL 34616

MAIL YOUR MARCH LOGS TO: Donald Bice, W4PCO, 5511 18th Ave., North, St Petersburg, FL 33710

End of rules, DE K9BSL, Activities Manager

**A log sheet and checklist are on the following two pages. Ed.**



Name \_\_\_\_\_ Call \_\_\_\_\_ Final Score \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_ CW \_\_\_\_\_ Chapter \_\_\_\_\_ QCWA member # \_\_\_\_\_

[illegible]

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# 1997 GOLDEN ANNIVERSARY QSO PARTY

## States and Provinces and Chapter Check List

Please note that only those Chapters listed are eligible to be counted for credit in this QSO party. Any not listed **cannot** count as a multiplier.

United States		Wk	US Contd	Wk	CH	Wk	CH	WK	CH	WK	CH	WK	CH	WK
			North Dakota ND		1		46		95		144		192	
Alabama	AL		Ohio OH		2		48		96		146		193	
Alaska	AK		Oklahoma OK		4		49		98		148		194	
Arizona	AZ		Oregon OR		5		51		100		149		195	
Arkansas	AR		Pennsylvania PA		6		52		102		150		196	
California	CA		Rhode Island RI		7		53		103		151		197	
Colorado	CO		South Carolina SC		8		54		104		152			
Connecticut	CT		South Dakota SD		9		55		105		154			
Delaware	DE		Tennessee TN		10		58		106		155			
D of Colum	DC		Texas TX		11		59		107		157			
Florida	FL		Utah UT		12		60		108		158			
Georgia	GA		Vermont VT		14		62		109		160			
Hawaii	HI		Virginia VA		16		63		110		161			
Idaho	ID		West Virginia WV		17		64		111		162			
Illinois	IL		Wisconsin WI		18		65		112		164			
Indiana	IN		Wyoming WY		19		66		114		165			
Iowa	IA				20		67		115		166			
Kansas	KS		<b>Canada</b>	Wk	21		70		119		168			
Kentucky	KY				23		72		120		169			
Louisiana	LA		Alberta AB		25		73		121		170			
Maine	ME		British Columbia BC		27		74		122		171			
Maryland	MD		Manitoba MB		28		75		123		173			
Massachusetts	MA		New Brunswick NB		29		76		126		174			
Michigan	MI		Newfoundland NF		30		77		128		175			
Minnesota	MN		NW Territories NT		31		79		130		176			
Mississippi	MS		Nova Scotia NS		32		80		131		177			
Missouri	MO		Ontario ON		33		81		133		180			
Montana	MT		Prince Edward Is PE		35		82		134		181			
Nebraska	NE		Quebec PQ		37		84		135		182			
Nevada	NV		Saskatchewan SK		38		85		137		183			
New Hampshire	NH		Yukon YK		39		87		138		184			
New Jersey	NJ		<b>Other</b>		40		89		140		186			
New Mexico	NM		W2MM		41		91		141		188			
New York	NY				42		92		142		190			
North Carolina	NC				45		94		143		191			

## CONVENTION /96

Sunshine and fun! Ottawa and the QCWA Convention brought together two hundred and fifty-nine, the majority of whom were Radio Amateurs. Many new acquaintances were made while attending the sessions on various aspects of our hobby, and on other timely subjects which proved most interesting. The Amateur presentations were video taped.

Did you go on the bus tour of Canada's capital and have tea at the Green Valley? Many comments heard testify to its success. That day concluded with many an "eyeball" to the background playing of a leading North American jazz pianist, Aurele Lecompte.

Pictures! Pictures! And pictures! Yes, the two photographers were busy throughout the Convention looking at the world through a lens.

From the top of the hotel, the view of the city and surrounding area on such sunny autumn days, added to the enjoyment of Saturday's breakfast and Sunday's brunch.

Formal celebrations with awards being presented to deserving members took place at the banquet. Having finished a delicious dinner, we were then taken on a northern adventure by John Gilbert.

Many of you joined us on yet another adventure on Sunday. Across the bridge to Hull, Quebec; then on board a steam engine train going to Chelsea and Wakefield. Fiddlers, guitarists and songs with a French flavor accompanied us on our travels.

The main ingredient for making the 1996 QCWA International Convention a success was YOU! Chapter 70 enjoyed having you. You're a great group! To those of you who weren't able to attend - we missed you.

Remember, next year, number 50, in KANSAS CITY.

**Joan Powell, VE3ZC**  
**Convention/96 Publicity Chairman**

## SILENT KEYS

with sadness we record the passing of these members

**W1CY**, W. Warren Barker, #05374, New Canaan, Conn.  
**W1LHV**, William T. Frizzell, #13176, Sudbury, Mass.  
**DL1SF**, Arthur Lottermoser, #12731, Ubersee, Germany  
**K2AAA**, Donald J. S. Merten, #01322, Montauk, N.Y.  
**W2JTH**, Arthur James Hay, #20518, Berlin, Md.  
**WA2NAK**, George E. Jobes, #27251, Mt. Holly, N.J.  
**K2RB**, Ralph E. Burns, #11697, Whiting, N.J.  
**W2WBD**, Walter H. Uotinen, #22588, West Orange, N.J.  
**W2ZCE**, John V. Richards, #05261, New York, N.Y.  
**W3AQY**, William H. Mac Ivor, #08386, Erie, Penn.  
**K3BSV**, Charles A. Hilbish, #25598, Harrisburg, Penn.  
**VE3CJ**, Noel B. Eaton, #06367, Waterdown, Ont.  
**W3FXG**, Malcolm O. Marple, #06638, Maple Glen, Penn.  
**W3GF**, M.A. Turner, #05697, Silver Springs, Fla.  
**W3OKP**, John Shiels, #17602, Murrysville, Penn.  
**VE3QA**, Harold E. Parsons, #08779, Metcalfe, Ont.  
**K4LHB**, Thomas M. Gooding, #19839, Sterling, Va.  
**AE4LL**, Floyd H. Jones, #25887, Trenton, Fla.  
**W4LO**, George A. Lazear, #06066, Ft. Lauderdale, Fla.  
**K4LW**, Ray W. Shigley, #19121, Evansville, Ind.  
**KM4MG**, Martin Stern, #19486, Atlanta, Ga.  
**NX4X**, Edmund A. Bedat, #17413, Ft. Myers, Fla.  
**W4ZJV**, Herbert E. Beard, #20056, Chattanooga, Tenn.  
**W5BAH**, John Adams, #12941, Wichita Falls, Tex.  
**K5JB**, Joseph G. Buswell, #27526, Midwest City, Okla.  
**W5KUM**, Lewis H. Goode, #12469, Baton Rouge, La.  
**K5LFF**, Lewie E. Baker, #27136, Las Vegas, N.M.  
**W5MYZ**, Robert E. Townsend, #09867, Harrison, Ark.  
**K5NK**, Charles R. Wilhite, #27499, Oklahoma City, Okla.  
**W5SVN**, Woodrow W. Key, #22206, Amarillo, Tex.  
**KB5TX**, Rawlins M. Morris, #18603, Boerne, Tex.  
**K5WPP**, Fred Stiff, #19549, McKinney, Tex.  
**W6IIF**, Emery Calvin Boring, #03347, Klamath Falls, Ore.  
**K7AW**, Val G. Popof, #05010, Prescott Valley, Ariz.  
**W7LNX**, Louis J. Gagnon Jr., #25589, Phoenix, Ariz.

**K7NTS**, George P. Claxton, #25024, Eugene, Ore.  
**K7PM**, James M. Audett, #06482, Seattle, Wash.  
**K7RDG**, R. Dale Green, #13806, Sierra Vista, Ariz.  
**W7RO**, Ervin W. Madsen, #21997, Salt Lake City, Utah  
**KB7TA**, Scott Urquhart, #10595, Caldwell, Id.  
**WA8ARJ**, Robert A. Lemon, #22739, Mason, Mich.  
**W8BRV**, Forrest O. Robinson, #08120, Lansing, Mich.  
**K8ILF**, Carl Robert Hunsaker, #22332, Lansing, Mich.  
**W8QON**, Eduard Petty, #08008, Southfield, Mich.  
**K8RIF**, Charles F. Stevens, #18253, Lakeland, Fla.  
**W8RQS**, Matthew L. Pierce, #16423, Mason, Mich.  
**W8RYR**, Joel C. Carpenter, #05386, Chagrin Falls, Ohio  
**K8UDO**, Harold M. Dunn, #20995, North Canton, Ohio  
**W8WNU**, Belden A. Blake, #08144, Canton, Ohio  
**W8YMI**, Paul L. Spooner, #06474, Traverse City, Mich.  
**W9IH**, William J. Stopka, #11742, Chicago, Ill.  
**W9JCW**, Walter J. Burke, #13509, Sun City, Ariz.  
**WA9NII**, Owen C. Staton, #27007, St. Petersburg, Fla.  
**W9OAO**, Bernard H. Baldrige, #24715, Naples, Fla.  
**W9YLU**, Roy R. Cone, #04363, Chicago, Ill.  
**WØKC**, Thomas L. Yount, #06222, Kirkwood, Mo.  
**KØND**, Louis E. Anerson, #12985, New England, N.D.  
**KØZDA**, Charles P. La Grossa, Jr., #16463, Denver, Colo.  
**WØZJ**, L. H. Oldham, Jr., #10983, Northglenn, Colo.

**Correction:** Last issue we erroneously reported that William Duckwitz, W4PBV had become a Silent Key. It was his father William Duckwitz, W8CJT who had passed away. We apologize for our error. Editor

**Please Note:** Before we can publish SK information we need an obituary notice, funeral notice or a note from a family member. Please send all information to QCWA Headquarters.



# Manitoba Amateur Radio Museum

by Dave Snyder, VE4XN, 25 Queens Crescent, Brandon, Manitoba, R7B 1G1, Canada



The Manitoba Amateur Radio Museum was founded on July 15, 1984 on the grounds of the Manitoba Agricultural Museum at Austin, Manitoba, Canada, by Dave Snyder, VE4XN of Brandon, Manitoba.

Dave recognized the need for this type of facility to preserve this part of our heritage and tell the story of Amateur Radio, and as far as he was aware, nowhere else in Canada was this being done. So **CANADA'S ONLY AMATEUR RADIO MUSEUM** was born, where we are dedicated to collecting, preserving, researching and exhibiting articles of Amateur Radio and communication interest.

With the help of a very dedicated group of volunteers assisting in this endeavor, we acquired a brand new 30'x50' display building which houses our many artifacts for display, and our fully equipped and operating Amateur Radio station VE4ARM and VE4MTR. This station consists of a TS-440S HF rig using a TA-53M 5-band, 4-element beam up 48 feet on a Delhi SS tower, with T2X rotator, and a TM241A FM two-meter rig using a model FB1-136 5/8 antenna up 50 feet above the beam. We also boast our own repeater on 146.31/91 with a 4-bay J-pole VHF vertical antenna on top of a 80 foot L-B SS tower. Also side-mounted on this tower at the 72 foot level is our SRL Model 210 folded dipole antenna for packet radio, also dipoles for 40 and 75 meters. The building is also wired for generated emergency power.

On these same grounds we have a very well-equipped new 24' x 24' workshop and storage building where we refurbish artifacts and store our parts, materials, and surplus artifacts for future display.

Some of our more notable acquisitions are a 1922 Canadian Amateur Radio licence, and a complete collection of Amateur Radio call licence plates from all of Canada and the USA.

We have many souvenirs available and the facilities are available to interested groups. MARM is located on the grounds of a well established Museum at Austin, Manitoba, 80 miles west of Winnipeg and 53 miles east of Brandon, on #1 Highway then south on #34 Highway 1 1/2 miles., with excellent camping facilities and an airstrip.

An annual hamfest is held on the MARM site each fall. Activities include a flea market, commercial displays, computer fest, radio controlled aircraft, etc. Also included is a



Interior of the museum.

Saturday night dance and social together with a full-course supper and many activities for the children.

For Further information contact Dave Snyder, VE4XN, 25 Queens Crescent, Brandon, Manitoba, R7B 1G1, Canada (204) 728-2463

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541-683-0987

Fax - 541-683-4181

This form for use by all U.S. applicants  
for membership in QCWA.  
Effective 4/1/96

For Office Use Only

Membership No. \_\_\_\_\_

Date \_\_\_\_\_

First Licensed, Year \_\_\_\_\_

Deposit Record \_\_\_\_\_

**Have you been previously enrolled in QCWA?** \_\_\_\_\_

I, \_\_\_\_\_, \_\_\_\_\_  
(Please Print Name Clearly) Present Callsign

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is:

Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
I will keep QCWA Headquarters advised of changes in my address and/or callsign. My first amateur license was issued \_\_\_\_\_ Other calls held \_\_\_\_\_  
I wish to become affiliated with QCWA Chapter \_\_\_\_\_  
Date of birth \_\_\_\_\_ Birthplace \_\_\_\_\_  
Present occupation/business \_\_\_\_\_  
If retired, what was major life work? \_\_\_\_\_  
Other organizations you belong to \_\_\_\_\_  
Your signature \_\_\_\_\_

## SCHEDULE OF MEMBERSHIP FEES

### Select one of the following plans

	Members	Family
QCWA dues for a one-year period	\$20	_____
QCWA dues for a two-year period	\$35	_____
QCWA dues for a three-year period	\$50	\$12 _____
QCWA life membership	\$300	\$90 _____
Payable in 3 equal installments of \$105 each, in a one-year period	\$315	\$105 _____ (3 payments of \$35)

### **Initial registration fee, all new members - \$3**

Gold membership pins are available, your call engraved, no year tags. Check type of fastener.

Tie tack \_\_\_\_\_, Screw button \_\_\_\_\_, Safety pin \_\_\_\_\_, ----- \$10 each \_\_\_\_\_

Year tag pins - 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 (tie-tac only) - \$15 each \_\_\_\_\_

**Total** \_\_\_\_\_

**Proposed by** \_\_\_\_\_, **Callsign** \_\_\_\_\_, **No.** \_\_\_\_\_

#### VERY SPECIAL EVENT STATION ANNOUNCEMENT

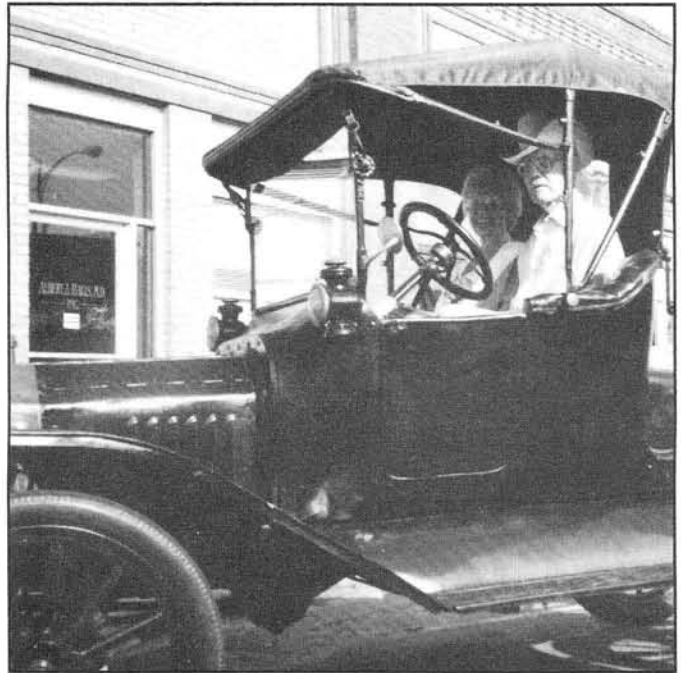
Greenwich, CT, Celebrating 75th anniversary of the Transatlantic Tests. 1BCG was the first amateur station to send a complete message across the Atlantic to Europe using low power and short waves. W1BCG will be on the air from almost the same location from 2200 Z on December 11 to 2400 Z Dec. 15, 1996, 1815 kc CW only, using an exact replica of the original transmitter. Also, Dec. 13 through 15 on 80 to 10 meters, all modes. QSL to SARA, PO Box 4225, Stamford, CT 06907-0225, USA. Send large or 9 X 12 SASE for certificate.

#### SPONSORING ORGANIZATIONS

Antique Wireless Association  
Greater Norwalk Amateur Radio Club  
Shoreline Amateur Radio Club  
Stamford Amateur Radio Club

#### CONTACT PERSONS

Tim Walker, N2GIG, 19 Woodside Ave., Westport, CT 06889. (203) 454-4376  
Bruce Kelly, W2ICE, Main St., Bloomfield, NY, 14469. (716) 657-7489



James Squire, W0SKV, and his bride of 68 years on their anniversary date driving through the town of Elgin in his 1915 Model T Ford. Jim recently celebrated his 94th birthday.

HOME PAGE: [www.hamboree.org](http://www.hamboree.org)



## 37th ANNUAL TROPICAL HAMBOREE® AMATEUR RADIO & COMPUTER SHOW ARRL SOUTHEASTERN DIVISION CONVENTION FEBRUARY 1 - 2, 1997

DADE COUNTY YOUTH FAIR & EXPOSITION CENTER  
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TALK IN: 146.925

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Swap Tables: \$28.00 each plus reg. ticket • Power: \$10.00 per user.  
(Prices quoted for tickets, tables & camping include Fla. & Dade Co. tax)

**Headquarters Hotel: Miami Airport Fairfield Inn South** in the Marriott Lodging Complex at 1201 N.W. LeJuene Road (N.W. 42 Ave.), Rates: \$65.00 Single or Double. Tel: (305) 643-0055 - Speak Only to Reservation Department and MUST mention "Tropical Hamboree" to get special rate. Deadline Jan. 19, 1997.

TICKET, CAMP, TABLE PAYMENTS **PAYABLE TO: DADE RADIO CLUB OF MIAMI, INC.**  
Mail to: Evelyn Gauzens, W4WYR, 2780 N.W. 3 St., Miami, FL 33125-5059  
BOOTH & TABLE INQUIRIES: email: [edg@elink.net](mailto:edg@elink.net), Tel: 305-642-4139, Fax: 305-642-1648  
HOMEPAGE: [www.hamboree.org](http://www.hamboree.org)



## 50th Anniversary Recruiting Contest

by QCWA Vice President, Gary Harrison, WAØRWS

Every day more amateurs are becoming eligible for QCWA membership but our dues-paying membership seems to stay at about 10,000 members. As part of QCWA's 50th Anniversary activities, the Board of Directors has approved a recruiting contest in 1997. Let's get together and see how many more than 10,000 we can get to join.

All QCWA members can participate in this contest during 1997. There will be awards for individual members and for the Chapter that recruits the largest number of new members. All members who sign up five or more new members qualify for a certificate. The member who recruits the most new members will receive a plaque. Entry is automatic. Your name and call at the bottom of a new members' application will cause your name to be entered in the competition and Headquarters will do the bookkeeping.

The Chapter that recruits the most new members will also receive a plaque. To enter the Chapter in the contest the Chapter Secretary will have to send to Headquarters a list of Chapter members who have recruited new members. Each member of a Chapter who recruits a new member should inform the Chapter Secretary so the Chapter may receive credit in the contest.

Contest rules will appear in all 1997 QCWA publications and will be posted on the Headquarters BBS as well as on QCWA's World Wide Web page.

If you have any questions or need applications, please contact QCWA Headquarters.

### 50th Anniversary Recruiting Contest Rules

1. Any member that recruits 5 or more new National members in 1997 will receive a certificate.
2. The member that recruits the most new National members in 1997 will receive a plaque. In case of a tie duplicate awards will be presented.
3. The chapter that recruits the Most new National members in 1997 will receive a plaque. The chapter will have to submit a list of its members that recruited new National members. The list must be received at QCWA HQ on or before March 1, 1998.
4. For the purposes of this contest a new National member is: (A) A person that has never been a QCWA member. (B) A member renewing their membership if their previous membership has expired by 1 year or more.
5. Entry in this contest will require the recruiting member to complete the "proposed by" line on the application.
6. All applications to be included in this contest must be received at QCWA HQ no later than January 15, 1998.
7. The contest will run from January 1 to December 31, 1997.
8. QCWA National Officers and Board members will not be eligible for this contest.
9. The contest will be judged by the Membership Committee of the QCWA Board. All decisions by the Membership Committee will be final. WAØRWS

Display with pride your personalized, enhanced

## STATION ID



**ID** includes your personal and license data; areas of your interest; seal embossed with an amateur radio motif; color enhancement; parchment paper. It is a distinctive, official identification of your hobby.

Item #1 - With 9 X 11 wood frame for wall mounting,  
\$22.95 Postpaid in the US.

Item #2 - With deluxe wood frame for surface or wall  
mounting. \$28.95 Postpaid in the US.

**Please complete below. Print clearly as the ID will reflect your data exactly.**

CALL SIGN \_\_\_\_\_

LICENSE CLASS (IF DESIRED) \_\_\_\_\_

NAME \_\_\_\_\_

STREET \_\_\_\_\_ CITY \_\_\_\_\_

ST \_\_\_\_\_ ZIP \_\_\_\_\_

DATE OF ORIGINAL LICENSE \_\_\_\_\_

(If original license is another call and you would like this shown, please list here) \_\_\_\_\_

ASSOCIATED WITH (i.e. ARRL QCWA, OOTC, DXCC, etc.) (Limit 4)

1. \_\_\_\_\_ 2. \_\_\_\_\_

3. \_\_\_\_\_ 4. \_\_\_\_\_

Mail your order to QCWA Headquarters with your check. Allow about 3-4 weeks for delivery

This is a wonderful addition for your shack and the frames are real wood and come with Plexiglas for safety and durability.

## Member Classifieds

**FOR SALE:** Electricity/telegraph radio books, 1895-1930 assorted wireless items, early tubes, keys, etc. SASE list. Jan D. Perkins, 524 Bonita Canyon Way, Brea, CA 92821.

**FOR SALE:** Telegraphers typewriters, capital letters & figures on same shift - \$125 + \$25 shpg; bug cords - \$10 + \$1 shpg. Dr. Hess, W6CK, POB 19, Pasadena, CA 91102.

**FOR SALE:** Supreme Radio Analyzer, Model 339 & Jackson Instrument signal generator model 441A. Both purchased in early 30's for my dad's radio shop. Best offer. W0OZG, 1674 Delta Ln., Marianna, FL 32448. woozg@digitalexp.com

**FOR SALE/TRADE:** Vibroplex Iambic paddle, s/n; 25380, address of Broadway St., NY, NY; bound QST's from '40's. **WANTED:** HQ-180A/C. Fred Wasielewski, WA2VJL, POB 1382, San Benito, TX 78586. (210) 399-0806

**FOR SALE:** Hallicrafter SX28A, good condx., matching spkr - \$150; R42 spkr's (2) for SX42, SX43, SX46 500 ohm - \$50 + UPS. Onerio L. Sabetto, W8PIU, 1717 Burgess Rd., Cleveland, OH 44112-1103. (216) 481-1036

**FOR SALE:** Kenwood TS-440S - \$660; Kenwood TS-930S - \$800; Alinco DR-112 mobile - \$200; Radio Shack HT, new - \$200; Astron pwr sply, 20A - \$75; Astron pwr sply, 30A - \$125; Kenwood MC-60 mic - \$40; Heath KW match - \$100. Fan Manning, W3ND, 410 Lampost Ln., Camp Hill, PA 17011. (717) 761-7364

**WANTED:** Collins xmtr, 32V3 or upright such as KWS-1 or KW-1, etc.; 160 meter xmtr; Heath HA-20 amp (6mtr); RTTY books/crypto/equip.; U.S. Navy surplus. WJ5J, 5678 College Dr., Baton Rouge, LA 70806-7217; e-mail: 7249712@mcimail.com or wj5j@juno.com

**WANTED:** Schematic for Zenith Trans-Oceanic FM-AM multi-band rcvr, Zenith Royal 3000-1. Herb Sleeper, 8144 Carriage Ln., Wichita Falls, TX 76306. (817) 855-5820

**WANTED:** Harvey-Wells T90, R9/R9A, APS90, Z-matcher. State price & condx. Herman Schnur, Rte 3, Box 151, Greenville, NC. 27858. (919) 752-2264.

**WANTED:** Collins 51S1, KWM-380, 75S3B/C; RME-9; Hammarlund PRO-310; Hallicrafters SX-88; early Clegg equip.; Squires-Sanders rcvr; Harvey Wells R-9; LIL-LULU 6 meter. Steve, K6PFW, 848 N. Silverwood, Upland, CA 91786. (909) 985-1062

**WANTED:** Manual TML PAL-1K; tubes - VT-25/10Y, 843, 801A; 800 Hz inverter; HT-20. John Freeman, POB, 1773, Pinehurst, NC 28370.

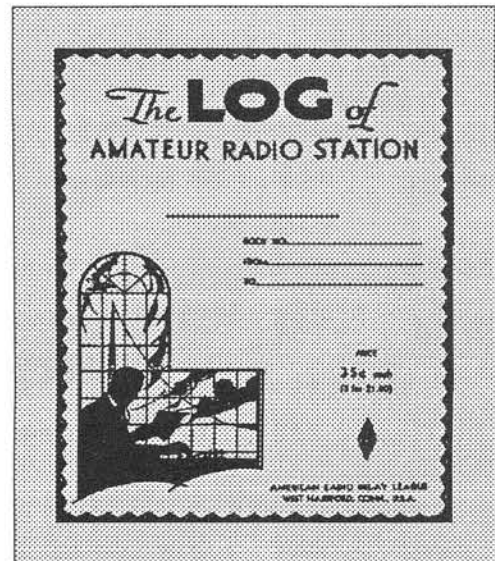
**WANTED:** S-Meter and BFO transformer for SX17 Hallicrafters receiver. Indicate price & condition. Gerry Skinner, K4LVZ, 3311 Ellwood Ct., Winter Park, FL 32792. (407) 679-4244

Please send ads to QCWA Journal, 14643 County Road G, Cortez, CO 81321 to arrive no later than 1 month prior to our publication dates. Ads may also be faxed to 970-564-9185.

Please limit ads to 25 words. Words are counted as follows: WANTED, FOR SALE, FREE, etc. count as 1 word; your address counts as 6 words.

## ADD TO YOUR COLLECTION

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Our thanks to Tracy Reese, WB6TMY, who fell in love with this era of amateur radio and conceived and furnished the art work.

In cooperation with ARRL, the Quarter Century Wireless Assn., Inc, presents this special edition.

# Member Supplies

## Certificates

**Membership Certificates** are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

**QCWA Gold Certificates** celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

**Gold Certificates** are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

**Fifty Year Continuous Licensing Gold Certificate** available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

**QCWA Century Club Certificate** is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

**Meritorious Award Certificate** is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

## Operating Awards

**QCWA Operating Award Certificates** are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

**QCWA Worked 50 States Awards** are issued to QCWA members who have contacted members in each state of the union.

**QCWA Worked 100 Members Awards** are issued to QCWA members who have contacted at least 100 QCWA members.

**QCWA Worked 60 Chapters Awards** are issued to QCWA members who have contacted members of 60 chapters.

**QCWA Worked 500 Members Awards** are issued to QCWA members who have contacted 500 QCWA members.

## QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

## Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$5

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, 159 E. 16th Ave., Eugene, OR 97401-4017.

Phone (inquiries only, no orders): 541-683-0987, Fax 541-683-4181

We do not accept orders charged to credit cards.



# High Powered 2-m FM Transceiver FT-3000M

## It's Awesome!

You know who you are. You drive farther, use your mobile rig longer, and buy the most dependable radio products you can get. The FT-3000M is the *only* amateur 2-m FM mobile radio with 70 full watts of TX power! Reassuring, when you're driving a lonely stretch of highway!

Like the 50-Watt FT-2500M, the FT-3000M is rated MIL-STD 810. And, both let you take the back roads with confidence. Built to resist jolts, bumps and the corrosive affects of dust, mist, and rain, the new FT-3000M, and popular FT-2500M take abuse and perform like

champs. Plus, the FT-3000M is a great base, too.

The new FT-3000M comes equipped with some sensational exclusive features!

- WIDE BAND RECEIVE! From 110-180 MHz, VHF, and 300-520 MHz UHF to 800-999 MHz\*. And, AM aircraft receive!
- TWIN COOLING FANS! Unique, twin fans keep the FT-3000M running cool without a problem! So, don't worry about long transmission keydowns.
- SELECTABLE POWER OUTPUT! An awesome 70 watts, plus 50, 25, and 10 Watts.
- TRUE FM! Voice clarity has never been better.

### • INTERACTIVE PROGRAMMING!

Continual scrolling menu guides you through 50 settings—and won't let you forget the next step!

- SIMPLIFIED FRONT PANEL! New Quick-Touch™ dual-concentric knob controls menu programming and adjustments.
- PC PROGRAMMABLE! Optional ADMS-2B Windows™ Programming Software programs your FT-3000M in seconds!

The FT-3000M is feature-rich just like the FT-2500M, 50-Watt mobile, and built to the tough performance standards you've come to expect from Yaesu. We think you should have at least one, don't you?

"This is true Wide Band receive! VHF, UHF, and 800-999 MHz."\*

"Digital Code Squelch gives me more privacy than CTCSS."



"Smart-Search™ scans and stores active channels for quick access."

"Yaesu did it again!"



### Features

- Frequency Coverage  
Wide Band Receive  
RX: 110-180 MHz,  
300-520 MHz,  
800-999 MHz\*
- TX: 144-148 MHz
- AM Aircraft Receive
- MIL-STD 810 Rating
- Interactive Programming
- High Power Output:  
70 Watts, plus 50, 25 and  
10 Watts
- Quick-Touch™ Dual  
Concentric Control Knob
- Twin Cooling Fans
- ADMS-2B Windows™  
Programmable
- Digital Coded Squelch (DCS)
- 81 Memory Channels
- Auto Range Transpond  
System™ (ARTS™)
- 1200/9600 Baud Packet  
Compatible
- Smart-Search™
- Alphanumeric Display
- Dual Watch
- Full line of accessories

\* Cellular Blocked



## YAESU

Performance without compromise.™

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Specifications subject to change without notice. Specifications guaranteed only within amateur bands. Some accessories and/or options are standard in certain areas. Check with your local Yaesu dealer for specific details.

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